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ABSTRACT

This paper is a companion to the book, "Smoking, Drinking, and Drug Use in Young Adulthood: The Impacts of New Freedoms and New Responsibilities," by Bachman, Wadsworth, O'Malley, Johnston, and Schulenberg (1997). The book attempts to disentangle the effects of post-high school roles on drug use by conducting a variety of analyses on data from the Monitoring the Future project. The purpose of this paper is to provide supplemental material to the book, including the full set of regression results upon which the book was written. This paper is not meant to stand alone, nor does it need to be read cover to cover; for the most part it is simply a vehicle for making accessible the data and results of analyses that did not readily fit into the book but may be useful for understanding the findings. It provides the reader with: (1) supplemental material on sample characteristics; (2) descriptive statistics of patterns of change in drug use; (3) a complete set of regression results relating post-high school roles to changes in drug use; (4) a discussion of background factors and their relationship to changes in drug use; and (5) data tables for figures which appear in Bachman et al. (1997). The body of this paper is divided into chapter corresponding to items 1 through 4. The last item includes a set of tables. (Contain 10 references and 67 tables.) (Author/JDM)

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CHANGES IN DRUG USE DURING AGES 18-32

Monitoring the Future Occasional Paper 39

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paper 39

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CHAPTER 1. INTRODUCTION

This occasional paper is a companion to the book, *Smoking, Drinking, and Drug Use in Young Adulthood: The Impacts of New Freedoms and New Responsibilities*, by Bachman, Wadsworth, O'Malley, Johnston, and Schulenberg (1997; published by Lawrence Erlbaum Associates, Mahwah, New Jersey). The book examines the relationship between drug use and the assumption of typical young adult roles--such as college student, spouse, full-time worker, etc. It attempts to disentangle the effects of these post-high school roles on drug use by conducting a variety of analyses on nationally representative, panel data from the Monitoring the Future project. The purpose of the present paper is to provide supplemental material to the book, including the full set of regression results upon which the book was built. It should be emphasized that this paper is not meant to stand alone, nor does it need to be read cover to cover; for the most part it is simply a vehicle for making accessible those data and results of analyses that did not fit readily into the book but may be useful to the reader's understanding of its findings. Also included in this occasional paper are discussions of patterns of attrition, and impacts of background factors, topics which are not fully addressed in the book. In sum, the paper provides the reader with:

- supplemental material on sample characteristics,
- descriptive statistics of patterns of change in drug use,
- a complete set of regression results relating post-high school roles to changes in drug use,
- a discussion of background factors and their relationship to changes in drug use,
- data tables for figures which appear in Bachman et al. (1997).

Accordingly, the body of this paper is divided into chapters corresponding with the first four items. The last item, a set of tables (Tables A.1-A.67), may be found at the end of the paper, following the tables discussed in this paper.[1]

---

[1] Bachman et al. (1997) grew out of an earlier Monitoring the Future occasional paper, published in 1992, entitled, "Changes in Drug Use During the Post-High School Years" (Occasional Paper #35 by Bachman, O'Malley, Johnston, Rodgers, & Schulenberg). The 1997 book refined the analyses of the 1992 occasional paper and used larger samples made available since 1992. Though the book and the current supplemental paper are meant to supplant the material in Occasional Paper #35, that paper is still available from Monitoring the Future, Institute for Social Research, University of Michigan, P.O. Box 1248, Ann Arbor, MI 48106.

CHAPTER 2. SUPPLEMENTAL MATERIAL ON SAMPLE CHARACTERISTICS

This chapter provides detailed descriptive statistics for the background and current characteristics of the follow-up samples examined in the book and brief discussions about patterns of panel attrition.

Background Characteristics

The regression analyses presented in Bachman et al. (1997) were conducted separately for men and women, and incorporated statistical controls for a variety of background characteristics including race, region, urbanicity, senior year expectations for completing college, and high school grades (all assessed in the base-year survey conducted at the end of twelfth grade). Table 2.1 describes the samples in terms of gender, these background factors and also parental education.[2]

Some of the information in Table 2.1 is fairly straightforward; other information is more subtle, indicating the nature of panel attrition and/or cohort differences. Unavoidably, the table format is somewhat complex, and it requires a few words of introduction. To simplify this explanation, we focus on the first portion of the table, which contains data for men and women combined; the second portion of Table 2.1 presents the data in the same format for men and women separately. Each of the columns in Table 2.1 presents background characteristics measured during the base year (i.e., twelfth grade) data collection. The first column shows the background characteristics for the *targeted* subsamples of the classes of 1976 through 1994--a total of 32,607 cases which were selected for follow-up and for inclusion in these analyses; the second column shows those characteristics for the 25,822 total which comprised the *obtained* first follow-up samples from those same classes (1976-94).[3] The differences between the first and second columns indicate some of the ways in which the obtained samples differed from the targeted samples--differences entirely attributable to panel attrition between the base year surveys and the first follow-up surveys. The next six columns show the background characteristics of the obtained samples from the second through the seventh follow-ups. Note that the numbers of class years (i.e., cohorts) grow progressively smaller, reflecting the fact that with each increase in follow-up interval there were fewer classes available to provide data. The numbers of cases also grow smaller, reflecting primarily the reduction in cohorts, plus some modest panel attrition beyond what had occurred at the time of the first follow-up. Thus, as one moves from left to right in the table, each column represents a subset of the column to its left (with the exception of the very small numbers of cases in each of the later follow-ups that had been "reclaimed" after missing one or more of the earlier follow-ups). It should be kept in mind that the data shown in all columns in Table 2.1 are drawn from the base year surveys, and the differences among columns thus reflect only differences in the composition of the obtained follow-up samples selected for these analyses, not any changes in the individual respondents.

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[2] We found that parental education contributed virtually nothing in the preliminary multiple regression analyses, above and beyond the contributions of high school grades and college plans; accordingly, parental education was not included in the final regression analyses.

[3] All the numbers of cases are weighted as discussed in the Appendix of Bachman et al. (1997).

The ninth column in Table 2.1 provides totals across the previous seven columns--i.e., the data for each of the seven separate follow-up observations. These rather unusual tabulations have the effect of "counting" most members of the classes of 1976-1982 a total of seven times (provided they participated in all seven follow-ups), while counting members of the classes of 1993-1994 only once (assuming they participated in the first follow-up--the only one to occur in time for use in these analyses). This is, in fact, what happens among the observations on which the regression analyses and most of the figures of Bachman et al. (1997) are based.[4] That is, each individual from the classes of 1976-1982 potentially contributed seven observations, whereas individuals from classes of 1993-1994 potentially contributed just one.[5] This last column then, describes the background characteristics of the full sample used in the analyses. A similar tabulation of the columns "FU1" and "FU2" would give the background characteristics of the sample used in the analyses restricted to observations from the first two follow-ups (modal ages 19-22).

Gender and Race Differences in Survey Participation. Women slightly outnumbered men in the initial base year sample selected for the follow-up study (target Ns of 16,786 women and 15,822 men, or 51.5 percent and 48.5 percent, respectively), and this disparity then increased by several percentage points (to 54.7 and 45.3 percent) in the first follow-up sample (with little further change in later follow-up samples as shown in the "Male" and "Female" rows at the top of Table 2.1).

The initial sample of men contained about 82 percent Whites and 8 percent Blacks, with the remaining 11 percent spread across several other categories too small for separate analysis; for women the percentages were 80, 10, and 10, respectively. As can be seen in Table 2.1, the effects of panel attrition are greater than average among Blacks and among those in the "All Others" category; these effects grow larger across successive intervals.

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[4] See the discussion on pooling data across multiple follow-ups in Chapter 3 of Bachman et al.,1997.

[5] Half of the follow-up respondents are surveyed an even number of years after their base year, and half of the follow-up respondents are surveyed an odd number of years after their base year. Those respondents of the class of 1982 surveyed every two years since their base year did not provide data for the seventh follow-up (these data, collected in 1996, were not available in time for these analyses). Similarly, those respondents of the class of 1994 surveyed every two years since their base year did not provide data for the first follow-up.

Geographical Differences in Participation. Regional distributions are affected only minimally by panel attrition. The slight declines in proportions from the South and West seem largely attributable to the larger proportions of non-Whites from those regions. Panel losses were below average among those who (as seniors) lived in rural areas, and especially among the relatively small proportion who lived on farms. (This may in part reflect greater success in reaching these respondents by mail some years after graduation.)

Participation Linked to Educational Success in High School. Turning to factors relating to educational abilities and aspirations, we see that the mean high school grades for the obtained follow-up samples are slightly higher than for the target sample; in other words, those who had poorer grades in high school were a bit less likely to participate in the follow-up surveys. As can be seen in Table 2.1, the different follow-up intervals, with their different class compositions and slight differences in panel attrition, were very similar in senior year grades. It thus appears that some who were more marginal students during high school were more likely to be lost in the first follow-up, but once beyond this point there was little further panel loss linked to high school educational success. We also note in passing that the male-female difference in average grades, which is generally observed during high school, is also evident in Table 2.1.

Given that those with better high school grades were somewhat more likely to participate in the follow-ups, it is not surprising that Table 2.1 also shows that differences in participation are linked to college plans. The first follow-up shows a slightly higher rate of participation among those who "definitely" expected; however, the percentages then shift in the other direction for the longer follow-up intervals. The explanation for the latter shift lies in the restricted set of cohorts (graduating classes) available for the longer follow-ups, coupled with the fact that there was a moderately rising secular trend during the 1980s in proportions of seniors expecting to complete college. In other words, the senior classes of 1976 through 1982, which were the only ones participating long enough to contribute to the seventh follow-up data used here, had lower average college expectations than did subsequent classes.

A similar observation can be made regarding the slight differences among follow-up samples in terms of parental education. As expected, parental educational levels were slightly higher for the obtained versus the target sample for the first follow-up. The same is true for other follow-ups; however, the fact that the parents of earlier graduating classes averaged slightly lower in education compared with those of later classes accounts for the slight shift downwards in the means shown in the table.

Current Characteristics

Table 2.2 describes the samples in terms of the post-high school roles examined and discussed in Bachman et al. (1997): education, employment, living arrangements, parenthood (and pregnancy), and engagement status at time of follow-up. The format of Table 2.2 is similar to that of Table 2.1 in that it shows data for each of the seven follow-up periods.

Interrelationships Among Education, Employment and Living Arrangements. Tables 2.3-2.5 present bivariate frequency distributions relating three key dimensions of role responsibilities and experiences: student status, employment status, and living arrangements. Table 2.3 presents the interrelationship between student status and employment; Table 2.4 presents the interrelationship between student status and living arrangements; Table 2.5 presents the interrelationship between employment status and living arrangements. These tables provide data separately for each of the seven follow-up points; for each follow-up sample the tables show the percentages of the total falling into each combination of role experiences.

CHAPTER 3. PATTERNS OF CHANGE IN DRUG USE

One of the ways in which we have attempted to increase clarity and the descriptive value of our analyses has been to report changes in drug use in two different forms. Our primary form of reporting employs change scores which show *mean amounts* of change in drug use linked to specific post-high school roles and experiences (change scores are calculated by subtracting a respondent's follow-up score from her/his base year score). A secondary approach is to report *proportions* of the sample who undergo each of two transitions in drug use (i.e., from non-user to user, or user to non-user) as well as proportions who remain consistent users and proportions who remain consistent non-users. In this chapter we present statistics in both of these forms for the use of four substances examined in the book--cigarettes, alcohol, marijuana and cocaine. As we illustrate throughout our discussion of background factors (Chapter 4), each of these two approaches has advantages.

Cigarettes. Table 3.1 displays patterns of change, based on cigarette use during the past 30 days, for the seven follow-up intervals. Part A of Table 3.1 displays means of change scores for 30-day cigarette use; these are shown separately for each of the seven intervals, for men and women. Also shown are the mean base year and follow-up scores (and it can be seen for each interval that the mean of the change scores is equivalent to the difference between the base year and follow-up means, except for small discrepancies due to rounding). These scores are based on a scale of monthly use which consists of the following categories:

1 = Not at all
2 = Less than one cigarette per day
3 = One to five cigarettes per day
4 = About one-half pack per day
5 = About one pack per day
6 = About one and one-half packs per day
7 = Two or more packs per day

We also classified respondents according to whether they did or did not smoke one or more cigarettes per day during the 30 days preceding each survey (response codes 3-7 above), and Part B of Table 3.1 displays the four possible combinations: those who were daily smokers at the time of both base year and follow-up surveys ("both"), those who went from non-smokers (i.e., less than daily smokers) as seniors to daily smokers at the follow-up ("start"), those who made the reverse transition ("stop"), and those who did not smoke on a daily basis at either time ("neither").

Part C presents the same data for respondents according to whether they smoked a half-pack or more per day during the 30 days preceding each survey (response codes 4-7 above).

Alcohol. Table 3.2 provides the same statistics for alcohol use in the past thirty days (there is no Part C). The scale of monthly use for alcohol use is as follows:

1 = 0 occasions
2 = 1-2 occasions
3 = 3-5 occasions
4 = 6-9 occasions
5 = 10-19 occasions
6 = 20-39 occasions
7 = 40 or more occasions

For the four change patterns in Part B, the respondents were classified according to whether they used alcohol on one or more occasions during the 30 days preceding each survey (response codes 2-7 above).

Table 3.3 provides the same statistics for heavy alcohol use in the past two weeks, where heavy alcohol use is defined as having five or more drinks in a row (sometimes called "binge drinking"). The scale of heavy alcohol use is as follows:

1 = None
2 = Once
3 = Twice
4 = Three to five times
5 = Six to nine times
6 = Ten or more times

For the four change patterns in Part B, the respondents were classified according to whether they used alcohol heavily at least once during the two weeks preceding each survey (response codes 2-6 above).

Marijuana and Cocaine. Table 3.4 and 3.5 provides the same statistics for marijuana use in the past 12 months and past 30 days, respectively. The scale of annual and monthly marijuana use is as follows:

1 = 0 occasions
2 = 1-2 occasions
3 = 3-5 occasions
4 = 6-9 occasions
5 = 10-19 occasions
6 = 20-39 occasions
7 = 40 or more occasions

For the four change patterns in Part B, the respondents were classified according to whether they used marijuana on one or more occasions during the 12 months (Table 3.4) or 30 days (Table 3.5) preceding each survey (response codes 2-7 above).

Table 3.6 and 3.7 are analogous to Tables 3.4 and 3.5, this time examining use of cocaine.

CHAPTER 4. REGRESSION ANALYSES RELATING POST-HIGH SCHOOL ROLES TO CHANGES IN DRUG USE

Many more regression analyses were completed than could be presented in Bachman et al. (1997). The complete regression results upon which the book was built, including those displayed in the book, are provided in this occasional paper. What is new in the present tables is the inclusion of :

1) complete sets of multiple regression results based on data from only the first two follow-ups;
2) an additional set of dependent variables created to capture the four possible patterns of change or non-change (introduced in Chapter 3): "stop," "start," "both," and "neither";
3) standardized regression coefficients (shown in the bottom portion of each table).

For a discussion of the substantive findings, consult Bachman et al. (1997). The discussion here will be restricted to instructions on how to interpret the regression tables.

In Part A of each of the regression tables (Tables 4.1-4.7) we report the findings from the regression analyses in the form of unstandardized regression coefficients, so that sizes of effects (i.e., changes in drug use) can be interpreted directly. Moreover, unstandardized regression coefficients make it easier to observe when relatively rare situations (such as pregnancy) have impacts which equal or exceed more common situations (such as being married), even though the latter may account for much more in the way of "explained variance." This emphasis on unstandardized coefficients is not out of the ordinary. What is unusual, however, is the way we have chosen to report regression coefficients based on sets of dummy variables. In place of the common practice of excluding one category of the predictor, and displaying regression coefficients as departures from that "omitted" category treated as a reference point, our approach is to make the mean for the overall sample our reference point and treat all categories of the predictor in terms of departures from that mean.[6]

For those familiar with Multiple Classification Analysis (Andrews, Morgan, Sonquist & Klem, 1973), we note that our format for presenting regression findings was inspired by some of the features found in that form of regression analysis -- features which make the output easier and more straightforward to interpret than is true of typical multiple regression output, especially when dummy variables are involved. In broad outline, the format used in our regression tables has the following characteristics:

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[6] For further examples of this form of presentation combining dummy variable and ordinary variable multiple regression analysis see especially Rodgers and Bachman, 1988; also Bachman et al., 1992.

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1. The starting point is a constant which consists of the mean of the dependent variable (i.e., the mean change score for the drug in question) calculated across all respondents (i.e., all male cases, or all female cases). In effect, this constant represents our "best guess" about the dependent variable for any respondent if we knew nothing about any of the predictors.

2. For each of the three predictor variables treated as interval scales (i.e., urbanicity, high school grades, and plans to complete college), the format presents a coefficient indicating the change or difference in the dependent variable which is associated with a one-point shift in the predictor variable. It is important to note that to calculate the effect associated with any particular point on these three predictor dimensions, one must first calculate the difference between that point and the mean for all respondents for that predictor dimension, and then multiply that difference by the coefficient. (Although that may seem a bit awkward, it has the important advantage of maintaining the overall constant as a very meaningful value, rather than a largely arbitrary one. Since there is little need to make the actual calculations for the three control variables in question, we considered the trade-off worthwhile.)

3. For each of the categorical predictors consisting of a set of dummy variables, the format provides a corresponding set of coefficients -- one for each dummy variable category (including the "omitted" category). Each such coefficient indicates the extent of departure from the overall mean (i.e., the constant) which is associated with being in that category. Both bivariate and multivariate coefficients are displayed. Each bivariate coefficient indicates the average deviation from the overall mean for all cases in that particular category, without taking any other variables into account. The multivariate regression coefficients show "adjustments to the overall mean" with all other predictors in the column included.

4. Summary statistics consist of the usual R-squared value, as well as an R-squared value adjusted to take account of degrees of freedom.

Tables 4.1 through 4.7 are identical in the sets of predictor variables used, and almost identical in format; each focuses on a particular measure of drug use in their dependent variables. Each of the tables consists of two parallel portions, reporting results separately for women and men. For illustrative purposes we will concentrate on the data for women from Table 4.2, in which the dependent variable is change in amount of alcohol use (during the past month) between senior year and follow-up.

Detailed Guidelines for Interpreting Regression Tables (Section A)

Analyses Using All Available Cases. The coefficients in Part I of both the female and male portions of each table are based on analyses using the full set of available cases across up to seven follow-ups. The entries in the first column of Section A are unstandardized bivariate regression coefficients; these show relationships between each predictor and the dependent variable while taking no account of relationships with other predictor variables. The entries in the next four columns are unstandardized multiple regression coefficients; these show relationships between certain predictors and the dependent variable, with certain other predictor variables included in the equation. The second column is limited to the background predictor variables; the third column includes background predictors, plus student status and work status; the fourth column includes background predictors, plus living arrangements (the first category of which is "married"), engagement status, pregnancy status, and parenthood status; and the fifth column includes all of the above variables. Comparisons among the third, fourth, and fifth columns thus permit an exploration of overlapping relationships between student/employment status, on the one hand, and an extended set of living arrangements and parenthood status, on the other hand. Comparisons involving the second column permit an understanding of overlaps with predictors we treat as background factors.

Analyses Using First Two Follow-Ups Only. The coefficients in Part II of the female and male portions are based on analyses using only the first two follow-ups, corresponding to the first four years after high school.[7] These data are particularly relevant for relationships involving student status, since relatively few respondents were students beyond the second follow-up. The format of Part II is the same as Part I.

Constant. The constant shown at the top of each column is simply the mean change score on the dependent variable. Looking at the female portion of Table 4.2, the first five columns of Part I Section A have a constant with the value 0.124, indicating that across the full set of seven follow-ups used to calculate change scores, the average increase for women was 0.124 on the seven-point scale measuring alcohol use. It should be recalled that these means for changes in alcohol consumption were computed across all cases, not just those who were alcohol users. Thus the increases among alcohol users were somewhat larger than those shown for the total sample.

Coefficients for Predictors Treated as Interval-Scales. The coefficients for interval-scaled predictor variables in Section A are conventional unstandardized bivariate (first column) and multiple (columns 2-5) regression coefficients. These regression coefficients indicate the deviation from the average change on the dependent variable associated with a unit change on the predictor variable. For example, the unstandardized regression coefficient for High School Grades in the first column of Table 4.2 is 0.105, indicating that with each increase of one unit on the scale (e.g., from B to B+) the average reported increase in 30-day alcohol use is 0.105 higher (based on the full set of cases from Follow-Ups 1-7). To calculate the overall mean change scores for women who had straight-A grade averages in high school, three steps are necessary: First, determine how much the straight-A grade (coded 9) deviates from the overall mean for women. The overall mean of High School Grades for women, based on the full set of cases, is 6.252 (as shown in the table) and so the straight-A deviation from the overall mean is +2.748 (i.e., 9.000 minus 6.252). Second, multiply that deviation by the coefficient to determine that straight-A female students had alcohol change scores which deviated by +0.289 (i.e., 2.748 x 0.105) from the overall change scores for women. Third, combine that value with the overall female constant of 0.124 to determine that, on average, those women who were straight-A students in high school increased their rates of monthly alcohol use by 0.413 (i.e., 0.289 + 0.124) on the seven-point scale of alcohol use.

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[7] These analyses were not carried out for the annual (12-month) marijuana and cocaine change scores.

The above exercise calculated the predicted change based on the simple bivariate association between high school grades and change in 30-day alcohol use. The subsequent columns provide the multiple regression coefficients for the predictor, taking into account the other variables for which coefficients are shown in that particular column. The statistical significance for each of these multiple regression coefficients is assessed by the t-ratio (not shown), and if the null hypothesis of no linear relationship can be rejected, the coefficient is marked by one asterisk (.05 level) or two asterisks (.01 level).

Coefficients for Categorical Predictors. The table entries for categorical predictors are less conventional, but nevertheless even more readily interpretable than those for the interval-scaled predictors. The coefficient shown for each value of a categorical variable is simply the predicted extent to which respondents in that category deviate from the overall average (i.e., deviate from the constant). For example, for women who were pregnant at follow-up, the coefficient in the first column (of Table 4.2, Part I, Section A) is -1.147, indicating a dramatic decrease in alcohol use in contrast to the small increase in the overall average; after combining with the constant of 0.124, we see that their overall decrease was -1.023 --still very large. Columns 2-5 show that multivariate controls for other factors had little effect on this large and statistically significant relationship.

Regression Analyses Based on Patterns of Change or Non-Change. To capture patterns of change or non-change in dependent variables for regression analysis, dependent variables were created by dichotomizing the drug use measure and then focusing separately in turn upon each of four possible patterns of "before" and "after" drug use: "stop," "start," "both," and "neither". The last four columns in Part I and Part II of the tables provide multiple regression results based on these added dependent variables.

In order to provide guidelines on how to interpret these results we will again focus this discussion on the results for women presented in Table 4.2. The last four columns in Table 4.2 are comparable to the coefficients in the "All Sets" column (column 5), except that each column has a different dichotomous dependent variable. In column 6 (the "Stop" column), for example, the dependent variable has a score of 1 for those who said that they used alcohol at least once in the 30 days preceding the survey at base year, but did not do so at the time of follow-up data collection, and scores of 0 for everyone else. Because the "patterns of use" dependent variables are dichotomous, the constants and regression coefficients represent proportions (after performing the same simple computations described for interpreting the coefficients for drug use change scores). For example, the "Constant," .124, is simply the proportion of female respondents who stopped their monthly alcohol use -- about 12.4 percent, overall. Similarly, now looking at the categorical variable "Race," the proportion of Black female respondents who quit their monthly alcohol use can be found by adding the corresponding regression coefficient to the constant: -.013 + .124 = .111. Thus, we find that 11 percent of the Black female respondents quit.

The seventh, eighth, and ninth columns provide similar regression results as the sixth column, but with the dependent variables "Start," "Both," and "Neither," respectively. These estimated proportions provide useful descriptive details about the relationships between changes in drug use and the predictor variables. For example, by adding the proportions of those Black women who began using alcohol monthly by follow-up (or "Start") with those who consistently used alcohol monthly at base year and at follow-up (or "Both") gives an estimate of the total proportion of Black women who used alcohol monthly at follow-up (26.2 percent + 26.4 percent = 52.6 percent). Additional details, such as how many senior year monthly alcohol users quit by follow-up (the proportion of quitters divided by the sum of the proportions of consistent users and quitters), or how many senior year abstainers initiated monthly alcohol use by follow-up (the proportion of those who initiated use divided by the sum of the proportions of consistent abstainers and starters), reveal characteristics about actual changes in use that might not be discovered by looking only at the regression analyses of change scores.

The reader should be reminded that the computations presented above represent a very abstracted perspective--they are estimates of the proportions which might be expected if the members of each category within the variable (in these examples, "Black," "White," and "Other") were the same in terms of student and work roles, living arrangements, pregnancy and parenthood, grades and college plans, and other background factors.

Standardized Regression Coefficients (Section B)

Intervally-Scaled Predictors. In the case of intervally-scaled predictor variables, the eta (actually, product-moment r) and beta coefficients shown in Section B are the standardized regression coefficients. The eta (r) coefficient indicates the average change on the dependent variable (in standard deviation units) for every standard deviation increase on the predictor variable. (It may help the reader to recall that the standardized bivariate regression coefficient is simply the correlation between the predictor and the dependent variable.) For example, again looking at the regression results for women in Table 4.2, the eta coefficient for the variable "High School Grades" is .1206, indicating that the average change score on the measure of 30-day alcohol use increases by .1206 standard deviation units for every standard deviation increase on High School Grades.

Categorical Predictors. For categorical variables, the eta coefficient is the correlation ratio (Hays, 1988, p.369), which is defined as the ratio of the sum of squares between groups to the total sum of squares. The beta coefficient is defined analogously, but after scores have been adjusted to equate the groups on the other variables included in the multiple regression analysis.

Explained Variance (Section C)

Section C of each of the tables consist of unadjusted and adjusted R-squared values, indicating the amount of variance explained by the various sets of predictor variables. Comparing the R-squared values among columns permits an assessment of unique and overlapping explained variance.

For example, the entry of .0402 in the second column of Part I of Table 4.2 indicates that the background variables explain about four percent of the variance on the 30-day alcohol use change scores; adjusting for degrees of freedom reduces this value to .0392, which is an unbiased measure of the population value. The "**" next to the .0402 value indicates that the null hypothesis (i.e., that background variables have no effect on change in alcohol use) can be rejected at the .01 level. (Significance levels are indicated for the unadjusted values, but apply equally to the adjusted values).

The unadjusted R-squared value of .0490 in the third column indicates that background, student status, and work variables together explain about five percent of the variance; the increase in explanatory power over the background variables alone is .0088 -- the marginal predictive power of the student and work status variables. Similarly, the background and living arrangement variables together explain 9.78 percent of the variance, and the marginal predictive power of the living arrangement variables is 5.76 percent. All three sets of variables together explain 9.83 percent of the variance.

CHAPTER 5. DISCUSSION OF BACKGROUND FACTORS

The regression analyses presented in Bachman et al. (1997), and reported also in Tables 4.1-7 of the present report, include a number of predictors measured in the initial senior year (base-year) survey. These were treated as background and control variables, and were included in the regression equations to ensure that our findings were not distorted by failure to take account of important pre-existing differences among individuals who entered different post-high school roles and experiences.

In Bachman et al. (1997) we did not discuss the background measures and their relationships with drug use, not because of any lack of interest, but rather because that volume focused specifically on the impacts of post-high school roles and experiences. In this chapter we provide some additional tabular data, as well as some brief discussion, concerning two important aspects of background: (a) educational success -- as reflected in high school grades and college plans; and (b) race -- specifically, differences between Black and White young adults.

For those wishing to undertake a finer-grained examination of these data than we report here, we note that Tables 5.1-10 contain percentages of drug users (base-year and follow-up) unadjusted for any other factors, whereas the right-hand portion of the regression analyses in Tables 4.1-7 can be used to generate corresponding adjusted percentages -- i.e., estimates of what the percentages would be if all other factors were the same across subgroups. There are several reasons for expecting the two kinds of data to differ somewhat. With regard to educational success, the regression analyses include three highly correlated predictors: grades, college plans, and actual college attendance (i.e., student status); in some analyses the interplay among these three overlapping factors is rather complicated (e.g., "mismatches" between grades or college plans, on the one hand, and actual college entrance, on the other hand, may reflect under- or over-achievement). Additionally, our regression analyses treated grades and college plans each as interval scales and computed straight-line relationships, whereas the calculations reported in Tables 5.1-7 treated the predictors categorically and sometimes revealed distinct departures from linearity (e.g., Table 5.1 shows sharply higher smoking rates among the small proportion of women who reported average grades of D during high school). In light of important differences such as these, it is interesting to note that the two sets of findings are nevertheless fairly comparable.

On the other hand, the regression results dealing with change scores (left-hand portion of the Tables 4.1-7) are sometimes quite different from the "static" base-year and follow-up percentages shown in Tables 5.1-7 or derived from Tables 4.1-7. For example, cigarette use shows little differential change related to high school grades, but there is a strong (inverse) correlation between high school grades and likelihood of smoking, both before and after graduation (see Table 4.1, also Table 5.1). The data for instances of heavy drinking show another pattern of differences -- individuals with the best grades in high school showed overall increases in proportions of occasional heavy drinkers after graduation, whereas those with the poorest grades showed decreases; nevertheless, it remained true years later that those who had the best grades during high school had lower than average rates of heavy drinking. In other words, there was some convergence, but the initial differences remained to some extent.

We have attempted above to illustrate the several kinds of data tables dealing with the background dimensions of high school grades, college plans, and race; and we have noted ways in which the results may be similar or different. We now provide a brief summary of the findings contained in those tables.

High School Grades and College Plans Linked to Drug Use

An examination of Tables 5.1-5 (as well as Tables 4.1-7) shows what we have noted in many prior reports -- those with high grades and plans for college were less likely, as high school seniors, to have smoked cigarettes, used alcohol, and/or used illicit drugs. These tables also show that some of these differences continued during the follow-up period, whereas others were diminished. A number of other observations can be listed briefly:

1. The differences in drug use associated with high school grades generally appear to be more pronounced than those differences associated with college plans; however, that is in part due to the fact that the grades measure generates smaller categories at each end of the continuum (i.e., fewer seniors reported "D" grades than expected they "definitely won't" go to college, and fewer reported "A" grades than expected they "definitely will" go to college).

2. The inverse relationships between educational success and cigarette use are particularly strong and long-lasting, reflecting the difficulty most young adults have in breaking cigarette habits established during high school.

3. The inverse relationships between college plans during high school and use of alcohol are considerably diminished during the years after high school, reflecting the fact that the life-style (living arrangement) changes associated with actual college attendance tend to contribute to the use of this drug.

4. Differences with respect to marijuana use also diminish over time; however, at least some of that is attributable to the overall declines in marijuana use (downward secular trend) which occurred during much of the period covered by the follow-ups.

In earlier analyses (Schulenberg, Bachman, O'Malley, & Johnston, 1994) we used structural equation models to examine in considerable detail the complex relationships among high school grades, college plans, college attendance, and other factors that affect drug use during high school and afterward. Those analyses led us to the following interpretations, all of which are consistent also with the data presented in this report:

"Consistent with a selection hypothesis, high school GPA had a negative indirect effect on post-high school substance use that operated largely via senior-year substance use. College plans during high school had a similar negative effect on post-high school cigarette use, but consistent with a differential-socialization hypothesis, they had a positive indirect effect on post-high school alcohol use that operated primarily via student and marital status during young adulthood. (p. 45)... In conclusion, our findings indicate that high school GPA represents an important selection factor for post-high school substance use, regardless of post-high school roles and experiences. [Thus,] even during the pervasive psychological and contextual changes that can accompany the transition to young adulthood, post-high school drug use is partly dependent on high school educational success" (p. 59).

Racial Differences in Drug Use

Interpreting the relationships between race and drug use is complicated by a variety of problems, including the following: First, panel attrition rates are greater among Black than among White young adults; because panel attrition results in disproportionate losses of those individuals who, as seniors, used cigarettes or other drugs, we have serious reservations about the representativeness of our panel data when it comes to examining racial differences. Second, although we have carried out other quite extensive regression analyses of high school seniors' reports of cigarette use and other drug use which have shown large Black-White differences after controlling many factors (Bachman, Wallace, Kurth, Johnston, & O'Malley, 1990; Wallace & Bachman, 1991), Wallace (1991) has demonstrated that many of the predictor measures that are important for White seniors are less so for Black seniors. In spite of such complications and reservations, our tentative conclusions based on these and other analyses (see especially Wallace, Bachman, O'Malley, & Johnston, 1995) is that the typically studied background factors do little to "explain away" lower rates of drug use by Black students. Our present analyses suggest similar conclusions; substantial Black-White differences in drug use remain after controlling both background and current roles and experiences. We summarize these differences briefly below, based on our examination of Tables 5.6-10 (and Tables 4.1-7):

1. Compared with White high school seniors, Black seniors' reports reveal dramatically lower proportions of half-pack smokers, substantially lower proportions of alcohol users and/or occasional heavy drinkers, distinctly lower proportions of cocaine users, and somewhat lower proportions of marijuana users.

2. Each of these differences is diminished at the time of follow-up, although most remain substantial. At least a portion of this general pattern of convergence reflects the different starting points noted above. Thus, for example, fewer Black than White young adults quit cigarette smoking after graduation simply because there were fewer Black smokers to begin with (i.e., when they were high school seniors).

3. Nevertheless, the "racial convergence" pattern may be somewhat more complicated than implied by the above comments. We found an interesting distinction when we compared the regression results based on the full seven follow-ups (Part I in Tables 4.1-7) with results based on just the first two follow-ups (Part II). With no important exceptions, the coefficients for race

(both bivariate and multivariate, standardized and unstandardized) are weaker -- usually much weaker -- for the first two follow-ups than for all follow-ups. This suggests that relatively little "catching up" in the drug use of Black young adults occurs during the first few years after high school, and more of it occurs during their mid-twenties and later.

Exploring racial differences can be intriguing, but also often complicated and frustrating. Marshalling evidence in support of interpretations such as the one offered above requires a far more detailed examination of racial differences than we have been able to provide here. It is worth recalling that our inclusion of racial subgroups as predictors in the present analyses was intended to control for possible confounding relationships, and that our focus has been upon on impacts of post-high school roles and experiences. A careful exploration of racial differences in drug use during young adulthood thus remains a worthy topic for future analyses.

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TABLES

Table 2.1
Background Characteristics Measured in Base Year by Gender and Endpoint of Base Year to Follow-Up Interval

(Entries are percentages unless otherwise noted)

		Data for Men and Women Combined (Obtained Sample)							
	Target Sample*	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	12,607	25,822	21,803	18,215	14,895	12,038	9,459	7,082	109,314
Gender									
Male	48.5	45.3	45.4	45.2	44.9	45.2	45.3	45.5	45.3
Female	51.5	54.7	54.6	54.8	55.1	54.8	54.7	54.5	54.7
Race									
White	77.5	80.5	82.4	83.5	84.7	85.2	86.0	86.8	83.3
Black	10.9	9.0	8.3	8.1	7.7	7.7	7.6	7.2	8.2
All Others	11.6	10.5	9.3	8.4	7.6	7.1	6.4	6.0	8.5
Region									
Northeast	21.9	22.0	22.7	22.9	23.1	23.4	23.8	24.2	22.9
North Central	28.7	30.1	30.6	31.1	31.5	32.2	32.4	32.6	31.2
South	32.0	30.9	30.1	29.9	29.3	28.8	28.9	28.5	29.8
West	17.3	17.0	16.6	16.2	16.1	15.5	14.9	14.8	16.2
Urbanicity									
Farm	4.2	4.4	4.8	5.1	5.4	5.7	6.1	6.3	5.2
Country	6.9	7.2	7.3	7.1	7.5	7.6	7.8	7.9	7.4
Non-SMSA	17.8	18.1	18.2	18.8	19.6	20.2	20.1	19.5	18.9
SMSA: Non-Self Rep	45.4	45.4	45.1	44.4	43.1	42.2	42.0	42.2	44.0
SMSA: Self-Rep	25.7	24.9	24.6	24.7	24.5	24.2	24.0	24.0	24.5
Mean Average Grades in H.S.									
(D=1, A=9)	5.835	6.012	6.005	6.012	6.010	6.024	6.012	6.034	6.013
Plans to Graduate from a 4-Year College Program									
Definitely Won't	19.0	18.1	19.4	20.5	21.9	23.0	24.2	24.9	20.8
Probably Won't	15.8	15.0	15.5	16.1	16.7	17.2	17.4	17.5	16.1
Probably Will	22.8	22.7	22.7	22.7	22.9	22.9	23.1	23.5	22.8
Definitely Will	42.4	44.2	42.4	40.6	38.5	36.9	35.3	34.1	40.2
Mean Parental Education									
(10=Low, 60=High)	36.189	36.470	36.271	35.984	35.591	35.181	34.860	34.709	35.837

* Target sample for follow-up, classes of 1976-1994 (combined).
Note: This table is comparable to Table 2.1 in Occasional Paper #35.

(Table continued on next page)

Table 2.1 (cont.)
Background Characteristics Measured in Base Year by Gender and Endpoint of Base Year to Follow-Up Interval

(Entries are percentages unless otherwise noted)

		Men (Obtained Sample)									Women (Obtained Sample)								
	Target Sample*	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	Target Sample*	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	15,822	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	16,786	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Race																		
White	78.1	81.6	83.5	84.7	85.9	86.5	87.4	87.6	84.5	76.9	79.5	81.4	82.5	83.6	84.2	84.8	86.2	82.4
Black	10.0	7.6	7.1	6.8	6.4	6.3	6.1	6.2	6.8	11.7	10.2	9.3	9.2	8.8	8.9	8.9	8.1	9.3
All Others	11.9	10.8	9.4	8.5	7.7	7.2	6.5	6.2	8.7	11.4	10.3	9.3	8.3	7.6	6.9	6.3	5.7	8.3
Region																		
Northeast	21.7	21.8	22.5	23.0	23.4	23.5	23.5	24.0	22.8	22.2	22.2	22.9	22.7	22.9	23.4	24.0	24.3	22.9
North Central	28.9	30.3	31.0	31.1	31.9	32.6	32.9	31.8	31.4	28.6	30.0	30.2	31.0	31.2	31.9	32.0	33.2	31.0
South	31.9	30.4	29.7	29.6	29.1	28.6	29.0	29.4	29.6	32.2	31.3	30.4	30.1	29.4	29.0	28.8	27.7	30.0
West	17.5	17.5	16.7	16.3	15.7	15.3	14.5	14.8	16.2	17.1	16.6	16.4	16.1	16.5	15.7	15.2	14.8	16.1
Urbanicity																		
Farm	4.8	4.9	5.5	5.6	6.0	6.3	6.9	6.9	5.8	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	4.7
Country	7.1	7.5	7.4	7.2	7.7	7.7	7.7	7.5	7.5	6.7	7.0	7.1	7.0	7.4	7.6	7.8	8.1	7.3
Non-SMSA	17.1	17.2	16.9	17.4	18.1	18.4	18.0	17.4	17.5	18.5	18.8	19.3	19.9	20.7	21.8	21.9	21.4	20.1
SMSA: Non-Self Rep	45.9	46.0	45.9	45.2	44.1	43.4	43.5	44.0	44.9	45.0	44.8	44.5	43.7	42.3	41.2	40.7	40.8	43.2
SMSA: Self-Rep	25.1	24.3	24.3	24.7	24.1	24.2	23.9	24.2	24.3	26.2	25.3	24.8	24.7	24.8	24.2	24.1	23.9	24.7
Mean Average Grades in H.S. (D=1, A=9)	5.531	5.731	5.722	5.724	5.711	5.713	5.717	5.706	5.721	6.118	6.243	6.238	6.246	6.252	6.278	6.253	6.304	6.252
Plans to Graduate from a 4-Year College Program																		
Definitely Won't	18.3	17.3	18.0	18.9	20.1	21.1	21.5	21.9	19.1	19.6	18.8	20.5	21.9	23.3	24.5	26.5	27.3	22.1
Probably Won't	16.8	15.3	16.3	16.7	17.3	17.7	18.0	18.4	16.7	14.9	14.6	14.9	15.7	16.2	16.9	16.9	16.7	15.6
Probably Will	24.5	24.6	24.7	24.6	24.6	24.5	24.4	24.4	24.6	21.1	21.2	21.1	21.2	21.5	21.6	22.0	22.8	21.4
Definitely Will	40.3	42.8	41.0	39.9	38.0	36.8	36.1	35.3	39.6	44.4	45.4	43.5	41.2	39.0	37.0	34.6	33.2	40.8
Mean Parental Education (10=Low, 60=High)	36.625	37.100	36.811	36.450	36.018	35.628	35.358	35.233	36.356	35.779	35.951	35.825	35.600	35.244	34.812	34.448	34.273	35.410

*Target sample for follow-up, classes of 1976-1994 (combined).
Note: This table is comparable to Table 2.1 in Occasional Paper #35

Table 2.2
Current Characteristics Measured in Follow-Up by Gender and Endpoint of Base Year to Follow-Up Interval

(Entries are percentages unless otherwise noted)

	Men (Obtained Sample)								Women (Obtained Sample)							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Education																
Student Status:																
Full-time	55.3	43.6	20.2	10.7	6.3	4.5	2.3	27.8	56.8	41.8	15.7	7.9	5.0	3.6	3.2	26.5
Part-time	7.7	9.0	11.5	10.8	10.0	9.0	7.3	9.3	8.1	8.8	11.0	10.5	9.5	9.6	8.0	9.3
Highest Degree Earned:																
Bachelor's or higher	0.4	5.7	29.6	36.8	38.7	40.8	41.8	21.7	0.2	5.9	30.2	34.9	35.5	35.1	35.4	20.3
Employment																
Employment Status:																
Full-time civilian	31.9	43.7	64.1	76.4	82.0	84.8	85.7	59.2	28.7	42.8	62.0	67.7	67.1	65.1	62.4	52.0
Full-time military	5.3	6.3	5.3	4.7	4.1	3.4	3.1	5.0	0.7	0.8	0.8	0.7	0.5	0.4	0.3	0.7
Part-time job	27.7	22.7	13.8	7.8	5.3	3.7	2.9	15.5	33.5	28.1	16.2	11.6	11.4	12.1	14.0	21.0
Full-time homemaker	0.4	0.3	0.2	0.2	0.3	0.3	0.5	0.3	3.0	4.9	7.5	9.1	11.4	12.3	13.8	7.4
Not employed & not student	4.4	4.5	5.7	4.5	4.1	3.8	4.3	4.5	4.5	4.9	5.3	5.0	5.0	5.4	5.5	5.0
Mean Weeks Unemployed																
Last calendar year	4.681	3.461	3.432	2.641	1.987	1.830	1.764	3.220	5.149	3.677	3.263	2.565	2.062	1.948	1.796	3.355
Mean Gross Work Earnings:																
Last calendar year (in 1,000's)	4.742	8.101	12.444	17.866	21.782	24.325	26.177	13.439	3.527	5.964	9.481	12.991	14.978	15.851	16.507	9.466
Mean Status Ranking for Current or Most Recent Job																
(1=Laborer, 14=Ph.D.)	4.414	5.511	7.184	8.196	8.791	9.166	9.298	6.942	4.164	4.924	6.721	7.592	7.928	8.161	8.316	6.345
Current Living Arrangements																
Married	3.7	12.2	24.8	39.5	50.5	59.5	65.1	27.7	8.7	21.4	36.2	49.5	58.3	65.0	69.1	35.6
Partner of opposite sex	3.0	6.4	7.7	8.6	8.2	7.2	6.2	6.4	5.8	8.5	10.1	9.5	8.5	6.8	6.2	8.0
Parents	51.6	38.0	31.4	20.0	13.3	8.6	6.8	30.4	48.7	33.9	26.1	16.4	10.6	7.5	5.5	27.0
Dormitory	22.3	9.9	2.4	0.9	0.3	0.2	0.1	7.8	23.9	9.9	1.5	0.4	0.3	0.0	0.0	7.9
Alone	2.7	5.8	10.6	12.8	13.4	14.0	13.5	8.9	1.6	4.4	8.4	9.1	9.9	9.1	8.9	6.4
All other arrangements	16.7	27.8	23.1	18.3	14.3	10.5	8.3	18.8	11.3	21.9	17.7	15.1	12.4	11.5	10.2	15.1
Parenthood																
Single parent	1.8	3.1	3.9	4.5	5.6	5.9	7.0	3.9	2.8	5.2	6.5	7.7	8.7	9.7	9.7	6.3
Married parent	1.5	5.3	11.5	20.0	29.5	39.9	49.6	16.0	2.6	9.3	17.3	26.5	36.6	46.7	55.3	20.6
Self/Spouse pregnant	1.3	2.3	3.9	5.4	6.4	7.1	5.9	4.2	3.1	4.3	5.3	7.2	7.2	7.5	6.0	5.5
Engagement Status	6.0	8.5	9.1	7.8	5.6	4.0	3.3	6.9	10.6	11.8	10.0	7.8	5.2	3.6	3.2	8.7

Note: This table is comparable to Table 2.2 in Occasional Paper #35.

Table 2.3
Bivariate Frequency Distributions Relating Student Status with Employment Status by Follow-Up

(Entries are percentages unless otherwise noted)

		Employment Status, Men						
Student Status, Men		**Full-Time Civilian**	**Full-Time Military**	**Part-Time Civilian**	**Full-Time Homemaker**	**Not a Student & Unemployed**	**Other**	**Total**
Full-Time								
	FU1	5.3	0.8	21.5	0.2	0.0	27.5	55.3
	FU2	5.6	0.4	17.6	0.1	0.0	19.8	43.6
	FU3	3.5	0.3	8.3	0.0	0.0	8.1	20.2
	FU4	2.7	0.3	4.3	0.0	0.0	3.5	10.7
	FU5	1.8	0.1	2.5	0.0	0.0	1.8	6.3
	FU6	1.4	0.2	1.3	0.0	0.0	1.5	4.5
	FU7	0.7	0.1	0.7	0.0	0.0	0.8	2.3
Part-Time								
	FU1	3.3	0.6	2.6	0.1	0.0	1.2	7.7
	FU2	5.0	0.8	2.2	0.0	0.0	1.0	9.0
	FU3	7.9	0.5	1.9	0.0	0.0	1.1	11.5
	FU4	8.1	0.7	1.1	0.0	0.0	0.8	10.8
	FU5	8.1	0.6	0.7	0.0	0.0	0.5	10.0
	FU6	7.7	0.4	0.4	0.0	0.0	0.5	9.0
	FU7	6.0	0.5	0.4	0.0	0.0	0.4	7.3
Not a Student								
	FU1	23.2	3.9	3.7	0.1	4.4	1.8	37.1
	FU2	33.1	5.1	2.9	0.1	4.5	1.5	47.4
	FU3	52.7	4.5	3.5	0.1	5.7	1.8	68.3
	FU4	65.6	3.7	2.5	0.2	4.5	2.0	78.5
	FU5	72.1	3.3	2.0	0.2	4.1	2.0	83.8
	FU6	75.7	2.8	2.0	0.2	3.8	2.0	86.5
	FU7	79.0	2.5	1.8	0.4	4.3	2.4	90.4
Total								
(N=11,696)	FU1	31.9	5.3	27.7	0.4	4.4	30.4	100.0
(N= 9,890)	FU2	43.7	6.3	22.7	0.3	4.5	22.4	100.0
(N= 8,241)	FU3	64.1	5.3	13.8	0.2	5.7	10.9	100.0
(N= 6,691)	FU4	76.4	4.7	7.8	0.2	4.5	6.3	100.0
(N= 5,443)	FU5	82.0	4.1	5.3	0.3	4.1	4.3	100.0
(N= 4,285)	FU6	84.8	3.4	3.7	0.3	3.8	4.0	100.0
(N= 3,223)	FU7	85.7	3.1	2.9	0.5	4.3	3.5	100.0

Note: This table is comparable to Table 2.3 in Occasional Paper #35

(Table continued on next page)

Table 2.3 (cont.)
Bivariate Frequency Distributions Relating Student Status with Employment Status by Follow-Up

(Entries are percentages unless otherwise noted)

		Employment Status, Women						
Student Status, Women		**Full-Time Civilian**	**Full-Time Military**	**Part-Time Civilian**	**Full-Time Homemaker**	**Not a Student & Unemployed**	**Other**	**Total**
Full-Time								
	FU1	4.9	0.1	24.9	0.7	0.0	26.4	56.8
	FU2	5.2	0.1	20.2	0.4	0.0	15.9	41.8
	FU3	2.9	0.1	7.0	0.4	0.0	5.4	15.7
	FU4	1.9	0.0	2.8	0.3	0.0	2.9	7.9
	FU5	1.2	0.0	1.8	0.2	0.0	1.7	5.0
	FU6	0.7	0.0	1.2	0.2	0.0	1.5	3.6
	FU7	0.8	0.0	1.0	0.3	0.0	1.0	3.2
Part-Time								
	FU1	3.7	0.1	2.8	0.2	0.0	1.3	8.1
	FU2	5.1	0.1	2.2	0.3	0.0	1.1	8.8
	FU3	7.7	0.2	2.0	0.3	0.0	0.9	11.0
	FU4	7.8	0.2	1.2	0.4	0.0	0.9	10.5
	FU5	7.1	0.2	1.1	0.6	0.0	0.6	9.5
	FU6	7.0	0.0	1.1	0.6	0.0	0.9	9.6
	FU7	6.0	0.1	0.9	0.5	0.0	0.6	8.0
Not a Student								
	FU1	20.2	0.6	5.9	2.2	4.5	1.8	35.1
	FU2	32.5	0.6	5.7	4.2	4.9	1.5	49.4
	FU3	51.4	0.6	7.2	6.9	5.3	1.9	73.3
	FU4	58.0	0.5	7.5	8.4	5.0	2.2	81.6
	FU5	58.8	0.3	8.5	10.6	5.0	2.3	85.5
	FU6	57.4	0.4	9.9	11.4	5.4	2.3	86.8
	FU7	55.6	0.2	12.1	13.0	5.5	2.4	88.8
Total								
(N=14,127)	FU1	28.7	0.7	33.5	3.0	4.5	29.5	100.0
(N=11,913)	FU2	42.8	0.8	28.1	4.9	4.9	18.5	100.0
(N= 9,974)	FU3	62.0	0.8	16.2	7.5	5.3	8.3	100.0
(N= 8,204)	FU4	67.7	0.7	11.6	9.1	5.0	5.9	100.0
(N= 6,595)	FU5	67.1	0.5	11.4	11.4	5.0	4.6	100.0
(N= 5,174)	FU6	65.1	0.4	12.1	12.3	5.4	4.7	100.0
(N= 3,859)	FU7	62.4	0.3	14.0	13.8	5.5	4.1	100.0

Note: This table is comparable to Table 2.3 in Occasional Paper #35.

Table 2.4
Bivariate Frequency Distributions Relating Student Status with Living Arrangements by Follow-Up
(Entries are percentages unless otherwise noted)

		Living Arrangements, Men						
Student Status, Men		**Married**	**Partner**	**Parents**	**Dormitory**	**Alone**	**Other**	**Total**
Full-Time								
	FU1	0.6	1.2	22.4	21.9	0.8	8.5	55.3
	FU2	1.4	1.8	12.1	9.7	1.9	16.8	43.6
	FU3	2.2	1.2	5.4	2.2	1.7	7.5	20.2
	FU4	2.3	0.7	2.2	0.7	1.3	3.4	10.7
	FU5	2.1	0.4	1.0	0.2	0.9	1.7	6.3
	FU6	2.1	0.3	0.4	0.1	0.9	0.7	4.5
	FU7	1.1	0.2	0.2	0.1	0.4	0.4	2.3
Part-Time								
	FU1	0.3	0.3	5.5	0.2	0.3	1.1	7.7
	FU2	0.9	0.6	4.9	0.1	0.5	2.0	9.0
	FU3	2.5	0.8	4.3	0.1	1.3	2.5	11.5
	FU4	3.6	0.9	2.2	0.1	1.5	2.5	10.8
	FU5	5.0	0.7	1.3	0.0	1.4	1.6	10.0
	FU6	5.3	0.6	0.9	0.0	1.2	1.0	9.0
	FU7	4.6	0.5	0.5	0.0	0.8	0.8	7.3
Not a Student								
	FU1	2.9	1.5	23.7	0.2	1.7	7.1	37.1
	FU2	9.9	4.0	21.0	0.1	3.4	9.0	47.4
	FU3	20.1	5.7	21.8	0.1	7.5	13.1	68.3
	FU4	33.6	7.0	15.6	0.1	10.1	12.3	78.5
	FU5	43.5	7.1	11.0	0.0	11.2	11.0	83.8
	FU6	52.1	6.3	7.3	0.1	11.9	8.8	86.5
	FU7	59.4	5.5	6.1	0.0	12.2	7.1	90.4
Total								
(N=11,696)	FU1	3.7	3.0	51.6	22.3	2.7	16.7	100.0
(N= 9,890)	FU2	12.2	6.4	38.0	9.9	5.8	27.8	100.0
(N= 8,241)	FU3	24.8	7.7	31.4	2.4	10.6	23.1	100.0
(N= 6,691)	FU4	39.5	8.6	20.0	0.9	12.8	18.3	100.0
(N= 5,443)	FU5	50.5	8.2	13.3	0.3	13.4	14.3	100.0
(N= 4,285)	FU6	59.5	7.2	8.6	0.2	14.0	10.5	100.0
(N= 3,223)	FU7	65.1	6.2	6.8	0.1	13.5	8.3	100.0

Note: This table is comparable to Table 2.4 in Occasional Paper #35.

(Table continued on next page)

Table 2.4 (cont.)
Bivariate Frequency Distributions Relating Student Status with Living Arrangements by Follow-Up

(Entries are percentages unless otherwise noted)

Student Status, Women		Living Arrangements, Women						
		Married	**Partner**	**Parents**	**Dormitory**	**Alone**	**Other**	**Total**
Full-Time								
	FU1	1.2	1.9	23.2	23.6	0.5	6.4	56.8
	FU2	2.0	2.4	11.7	9.7	1.7	14.4	41.8
	FU3	2.2	1.5	4.2	1.4	1.7	4.8	15.7
	FU4	2.3	0.7	1.6	0.3	1.0	2.0	7.9
	FU5	1.9	0.5	0.4	0.2	0.8	1.1	5.0
	FU6	1.6	0.4	0.3	0.0	0.4	0.9	3.6
	FU7	1.4	0.3	0.3	0.0	0.4	0.8	3.2
Part-Time								
	FU1	0.6	0.6	5.7	0.2	0.2	0.8	8.1
	FU2	1.5	0.8	4.7	0.1	0.5	1.3	8.8
	FU3	3.1	1.0	4.0	0.1	1.0	1.9	11.0
	FU4	4.1	1.1	2.0	0.0	1.3	2.0	10.5
	FU5	4.9	0.8	1.0	0.0	1.2	1.6	9.5
	FU6	5.4	0.7	1.1	0.0	1.1	1.4	9.6
	FU7	4.5	0.6	0.6	0.0	1.1	1.2	8.0
Not a Student								
	FU1	6.9	3.3	19.8	0.1	0.9	4.1	35.1
	FU2	17.9	5.3	17.6	0.1	2.2	6.3	49.4
	FU3	30.9	7.6	17.9	0.0	5.7	11.1	73.3
	FU4	43.1	7.7	12.8	0.0	6.8	11.1	81.6
	FU5	51.5	7.2	9.2	0.0	7.9	9.7	85.5
	FU6	58.0	5.8	6.2	0.0	7.7	9.2	86.8
	FU7	63.3	5.4	4.6	0.0	7.4	8.2	88.8
Total								
(N=14,127)	FU1	8.7	5.8	48.7	23.9	1.6	11.3	100.0
(N=11,913)	FU2	21.4	8.5	33.9	9.9	4.4	21.9	100.0
(N= 9,974)	FU3	36.2	10.1	26.1	1.5	8.4	17.7	100.0
(N= 8,204)	FU4	49.5	9.5	16.4	0.4	9.1	15.1	100.0
(N= 6,595)	FU5	58.3	8.5	10.6	0.3	9.9	12.4	100.0
(N= 5,174)	FU6	65.0	6.8	7.5	0.0	9.1	11.5	100.0
(N= 3,859)	FU7	69.1	6.2	5.5	0.0	8.9	10.2	100.0

Note: This table is comparable to Table 2.4 in Occasional Paper #35.

Table 2.5
Bivariate Frequency Distributions Relating
Living Arrangements with Employment Status by Follow-Up
(Entries are percentages unless otherwise noted)

		Employment Status, Men						
Living Arrangements, Men		**Full-Time Civilian**	**Full-Time Military**	**Part-Time Civilian**	**Full-Time Homemaker**	**Not a Student & Unemployed**	**Other**	**Total**
Married								
	FU1	2.3	0.5	0.5	0.0	0.2	0.3	3.7
	FU2	8.3	1.6	0.9	0.0	0.6	0.8	12.2
	FU3	18.9	2.1	1.6	0.1	1.0	1.2	24.8
	FU4	31.9	2.9	1.8	0.1	1.2	1.5	39.5
	FU5	43.1	2.8	1.8	0.2	1.2	1.5	50.5
	FU6	51.7	2.7	1.4	0.2	1.4	2.1	59.5
	FU7	57.5	2.6	1.3	0.4	1.5	1.7	65.1
Partner								
	FU1	1.4	0.1	0.6	0.0	0.2	0.7	3.0
	FU2	3.6	0.3	1.1	0.0	0.4	1.0	6.4
	FU3	5.4	0.1	1.0	0.0	0.6	0.6	7.7
	FU4	6.7	0.2	0.7	0.0	0.6	0.5	8.6
	FU5	6.7	0.3	0.5	0.0	0.5	0.3	8.2
	FU6	6.1	0.1	0.4	0.0	0.3	0.3	7.2
	FU7	5.1	0.0	0.1	0.0	0.5	0.4	6.2
Parents								
	FU1	22.5	0.2	16.8	0.2	3.2	8.7	51.6
	FU2	21.0	0.1	9.5	0.1	2.6	4.7	38.0
	FU3	20.3	0.2	5.4	0.0	2.8	2.7	31.4
	FU4	14.7	0.1	2.3	0.0	1.6	1.3	20.0
	FU5	10.0	0.1	1.2	0.0	1.3	0.7	13.3
	FU6	6.4	0.0	0.7	0.0	1.1	0.4	8.6
	FU7	5.2	0.0	0.5	0.0	0.8	0.3	6.8
Dorm								
	FU1	0.9	0.1	6.1	0.1	0.1	15.1	22.3
	FU2	0.9	0.1	3.3	0.0	0.0	5.6	9.9
	FU3	0.3	0.1	0.7	0.0	0.0	1.3	2.4
	FU4	0.2	0.0	0.3	0.0	0.0	0.3	0.9
	FU5	0.1	0.0	0.1	0.0	0.0	0.1	0.3
	FU6	0.0	0.1	0.1	0.0	0.0	0.0	0.2
	FU7	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Alone								
	FU1	1.3	0.5	0.4	0.0	0.1	0.4	2.7
	FU2	2.9	0.8	0.9	0.0	0.2	1.0	5.8
	FU3	7.3	0.8	1.2	0.0	0.3	1.0	10.6
	FU4	10.0	0.7	0.9	0.0	0.4	0.8	12.8
	FU5	11.4	0.5	0.6	0.0	0.3	0.6	13.4
	FU6	12.2	0.3	0.6	0.0	0.4	0.6	14.0
	FU7	11.7	0.3	0.4	0.0	0.5	0.5	13.5
Other								
	FU1	3.4	3.9	3.3	0.1	0.7	5.2	16.7
	FU2	7.1	3.5	7.1	0.1	0.7	9.4	27.8
	FU3	11.9	2.0	3.8	0.0	1.0	4.2	23.1
	FU4	12.9	0.9	1.9	0.0	0.6	1.9	18.3
	FU5	10.7	0.5	1.2	0.0	0.8	1.1	14.3
	FU6	8.4	0.2	0.5	0.0	0.6	0.6	10.5
	FU7	6.2	0.3	0.5	0.0	0.9	0.5	8.3
Total								
(N=11,696)	FU1	31.9	5.3	27.7	0.4	4.4	30.4	100.0
(N= 9,890)	FU2	43.7	6.3	22.7	0.3	4.5	22.4	100.0
(N= 8,241)	FU3	64.1	5.3	13.8	0.2	5.7	10.9	100.0
(N= 6,691)	FU4	76.4	4.7	7.8	0.2	4.5	6.3	100.0
(N= 5,443)	FU5	82.0	4.1	5.3	0.3	4.1	4.3	100.0
(N= 4,285)	FU6	84.8	3.4	3.7	0.3	3.8	4.0	100.0
(N= 3,223)	FU7	85.7	3.1	2.9	0.5	4.3	3.5	100.0

Note: This table is comparable to Table 2.5 in Occasional Paper #35.

(Table continued on next page)

Table 2.5 (cont.)
Bivariate Frequency Distributions Relating
Living Arrangements with Employment Status by Follow-Up
(Entries are percentages unless otherwise noted)

		Employment Status, Women						
Living Arrangements, Women		**Full-Time Civilian**	**Full-Time Military**	**Part-Time Civilian**	**Full-Time Homemaker**	**Not a Student & Unemployed**	**Other**	**Total**
Married								
	FU1	3.8	0.1	1.6	1.5	0.9	0.8	8.7
	FU2	10.5	0.2	3.6	3.8	1.9	1.4	21.4
	FU3	20.7	0.3	4.9	6.4	2.2	1.7	36.2
	FU4	29.9	0.3	6.3	8.0	2.8	2.2	49.5
	FU5	34.7	0.3	7.9	10.4	2.8	2.2	58.3
	FU6	37.6	0.3	9.7	11.4	3.5	2.6	65.0
	FU7	38.0	0.2	11.7	12.7	3.9	2.7	69.1
Partner								
	FU1	2.5	0.0	1.6	0.3	0.4	0.9	5.8
	FU2	4.6	0.1	2.0	0.3	0.6	1.0	8.5
	FU3	6.6	0.0	1.7	0.4	0.6	0.6	10.1
	FU4	7.1	0.0	0.9	0.3	0.6	0.5	9.5
	FU5	6.3	0.0	0.7	0.3	0.7	0.5	8.5
	FU6	5.1	0.0	0.8	0.3	0.3	0.3	6.8
	FU7	4.6	0.0	0.5	0.4	0.6	0.2	6.2
Parents								
	FU1	17.4	0.0	18.7	0.9	2.6	9.1	48.7
	FU2	17.5	0.0	10.3	0.5	1.8	3.9	33.9
	FU3	17.3	0.0	4.8	0.3	1.6	2.1	26.1
	FU4	12.1	0.0	2.1	0.2	0.9	1.1	16.4
	FU5	8.2	0.0	0.9	0.2	0.8	0.5	10.6
	FU6	5.6	0.0	0.5	0.2	0.7	0.5	7.5
	FU7	4.0	0.0	0.5	0.2	0.6	0.3	5.5
Dorm								
	FU1	1.0	0.0	8.0	0.1	0.0	14.7	23.9
	FU2	1.0	0.0	4.3	0.0	0.0	4.6	9.9
	FU3	0.2	0.0	0.6	0.0	0.0	0.6	1.5
	FU4	0.1	0.0	0.1	0.0	0.0	0.2	0.4
	FU5	0.1	0.0	0.1	0.0	0.0	0.1	0.3
	FU6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FU7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alone								
	FU1	0.9	0.0	0.4	0.0	0.0	0.2	1.6
	FU2	2.5	0.1	0.9	0.0	0.1	0.7	4.4
	FU3	6.2	0.1	0.9	0.0	0.2	0.9	8.4
	FU4	7.5	0.1	0.7	0.0	0.2	0.6	9.1
	FU5	8.5	0.1	0.5	0.0	0.2	0.6	9.9
	FU6	8.1	0.0	0.3	0.0	0.2	0.4	9.1
	FU7	7.9	0.0	0.5	0.0	0.2	0.3	8.9
Other								
	FU1	3.2	0.5	3.3	0.2	0.4	3.7	11.3
	FU2	6.7	0.3	7.1	0.3	0.6	6.9	21.9
	FU3	11.0	0.3	3.2	0.4	0.7	2.2	17.7
	FU4	11.0	0.3	1.5	0.5	0.5	1.3	15.1
	FU5	9.2	0.1	1.3	0.5	0.5	0.8	12.4
	FU6	8.6	0.1	0.9	0.3	0.6	0.9	11.5
	FU7	7.9	0.1	0.7	0.5	0.4	0.7	10.2
Total								
(N=14,127)	FU1	28.7	0.7	33.5	3.0	4.5	29.5	100.0
(N=11,913)	FU2	42.8	0.8	28.1	4.9	4.9	18.5	100.0
(N= 9,974)	FU3	62.0	0.8	16.2	7.5	5.3	8.3	100.0
(N= 8,204)	FU4	67.7	0.7	11.6	9.1	5.0	5.9	100.0
(N= 6,595)	FU5	67.1	0.5	11.4	11.4	5.0	4.6	100.0
(N= 5,174)	FU6	65.1	0.4	12.1	12.3	5.4	4.7	100.0
(N= 3,859)	FU7	62.4	0.3	14.0	13.8	5.5	4.1	100.0

Note: This table is comparable to Table 2.5 in Occasional Paper #35.

Table 3.1

Changes in 30-Day Cigarette Use Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age:	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included:	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.):	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in 30-Day Cigarette Use (-6 to +6)[a]	0.150	0.240	0.257	0.244	0.240	0.191	0.174	0.214	0.116	0.139	0.127	0.095	0.047	0.003	-0.025	0.093
Mean Base Year 30-Day Cigarette Use (1= Not at all, 7= Two or more packs per day)	1.608	1.621	1.633	1.659	1.672	1.697	1.723	1.644	1.683	1.711	1.717	1.731	1.741	1.766	1.793	1.722
Mean Follow-Up 30-Day Cigarette Use (1= Not at all, 7= Two or more packs per day)	1.757	1.861	1.891	1.903	1.912	1.887	1.897	1.858	1.799	1.851	1.844	1.826	1.789	1.769	1.768	1.815
Part B																
Change Patterns in 30-Day Daily Cigarette Use Dichotomies (%)[a]																
Stop	3.2	3.7	4.3	5.0	5.3	6.3	6.8	4.5	4.1	5.4	6.4	6.9	8.0	9.0	10.1	6.4
Start	6.9	9.4	10.0	10.1	10.1	9.4	9.0	9.0	6.9	8.2	8.6	8.3	7.6	7.2	7.0	7.7
Both	13.2	13.0	12.6	12.7	12.7	12.5	12.8	12.8	15.7	15.2	14.3	14.1	13.4	13.2	13.2	14.5
Neither	76.7	73.9	73.1	72.2	71.8	71.9	71.4	73.6	73.3	71.2	70.7	70.7	71.0	70.6	69.7	71.4
Part C																
Change Patterns in 30-Day Half-Pack or More Daily Use Dichotomies (%)[a]																
Stop	2.2	2.6	3.0	3.4	3.8	4.3	4.9	3.1	2.4	3.3	3.8	4.4	4.8	5.5	6.0	3.9
Start	6.4	8.8	9.7	9.8	10.1	9.6	9.7	8.8	6.2	8.1	8.8	8.9	8.3	8.0	8.0	7.9
Both	8.7	8.8	8.9	9.0	9.1	9.1	9.5	8.9	9.1	9.1	8.7	8.4	8.3	8.4	8.2	8.7
Neither	82.7	79.8	78.5	77.8	77.0	76.9	76.0	79.2	82.3	79.5	78.7	78.2	78.5	78.1	77.7	79.5

[a] See text in Chapter 3 for a definition of the change scores and change patterns.

Notes: This table is comparable to Table 3.1 in Occasional Paper #35.

Missing data on the cigarette use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 3.2
Changes in 30-Day Alcohol Use Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in 30-Day Alcohol Use (-6 to +6)[a]	0.315	0.553	0.485	0.369	0.284	0.155	0.125	0.370	0.242	0.304	0.181	0.055	-0.030	-0.169	-0.217	0.124
Mean Base Year 30-Day Alcohol Use (1= 0 Occasions, 7= 40 or More Occasions)	2.701	2.734	2.808	2.855	2.898	2.936	2.921	2.803	2.288	2.346	2.389	2.433	2.445	2.494	2.513	2.386
Mean Follow-Up 30-Day Alcohol Use (1= 0 Occasions, 7= 40 or More Occasions)	3.016	3.287	3.293	3.224	3.181	3.091	3.046	3.173	2.529	2.650	2.570	2.488	2.415	2.325	2.296	2.510
Part B																
Change Patterns in 30-Day Alcohol Use Dichotomies (%)[a]																
Stop	7.4	5.7	6.9	8.0	9.7	11.5	13.2	8.0	9.8	9.5	11.3	13.9	15.4	17.2	18.5	12.4
Start	14.3	18.0	17.0	16.0	15.6	14.3	13.6	15.8	17.2	19.8	18.8	17.6	16.7	15.3	14.9	17.7
Both	61.4	64.3	65.2	65.4	65.0	64.4	62.3	63.9	50.9	53.3	53.0	51.8	50.0	49.7	48.7	51.5
Neither	16.8	12.0	10.9	10.6	9.7	9.9	11.0	12.2	22.1	17.5	16.9	16.8	17.9	17.9	17.9	18.4

[a] See text in Chapter 3 for a definition of the change scores and change patterns.

Notes: This table is comparable to Table 4.1 in Occasional Paper #35.
Missing data on the alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 3.3
Changes in 2-Week Heavy Alcohol Use[a] Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in 2 Week Heavy Alcohol Use (-5 to +5)[b]	0.133	0.200	0.028	-0.140	-0.245	-0.352	-0.385	-0.026	0.080	0.051	-0.104	-0.205	-0.262	-0.326	-0.352	-0.096
Mean Base Year 2 Week Heavy Alcohol Use (1= None, 6= Ten or More Times)	1.955	2.030	2.071	2.111	2.120	2.153	2.137	2.067	1.531	1.557	1.578	1.585	1.594	1.610	1.618	1.571
Mean Follow-Up 2 Week Heavy Alcohol Use (1= None, 6= Ten or More Times)	2.128	2.230	2.099	1.971	1.876	1.800	1.752	2.041	1.611	1.608	1.474	1.380	1.333	1.284	1.266	1.475
Part B																
Change Patterns in 2 Week Heavy Alcohol Use Dichotomies (%)[b]																
Stop	11.5	11.4	15.1	18.3	20.6	23.3	24.7	15.9	10.6	12.5	15.7	17.7	19.3	20.5	21.4	15.3
Start	16.9	20.4	18.4	16.1	14.8	13.0	12.3	16.9	15.1	16.1	13.0	10.4	9.4	7.4	7.1	12.5
Both	31.5	33.0	30.9	28.8	26.9	25.2	23.7	29.8	15.6	14.7	12.6	10.8	9.5	8.6	8.2	12.5
Neither	40.1	35.2	35.6	36.7	37.7	38.5	39.4	37.5	58.7	56.7	58.8	61.1	61.8	63.5	63.3	59.7

[a] "Heavy alcohol use" is defined as having five or more drinks in a row.

[b] See text in Chapter 3 for a definition of change scores and change patterns.

Notes: This table is comparable to Table 4.2 in Occasional Paper #35.

Missing data on the heavy alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 3.4
Changes in Annual Marijuana Use Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age:	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included:	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.):	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in Annual Marijuana Use (-6 to +6)[a]	0.150	0.110	-0.137	-0.362	-0.604	-0.808	-0.968	-0.214	0.058	-0.081	-0.280	-0.500	-0.691	-0.841	-0.983	-0.330
Mean Base Year Annual Marijuana Use (1= 0 Occasions, 7= 40 or More Occasions)	2.290	2.357	2.467	2.571	2.684	2.765	2.817	2.490	1.991	2.063	2.131	2.214	2.284	2.348	2.429	2.151
Mean Follow-Up Annual Marijuana Use (1= 0 Occasions, 7= 40 or More Occasions)	2.440	2.467	2.330	2.209	2.080	1.957	1.850	2.276	2.049	1.982	1.851	1.715	1.593	1.507	1.446	1.820
Part B																
Change Patterns in Annual Marijuana Use Dichotomies (%)[a]																
Stop	9.5	12.1	16.4	20.3	23.8	27.3	29.6	17.1	9.1	13.8	18.3	22.1	25.4	28.1	30.7	18.2
Start	11.0	12.5	10.9	8.6	6.8	5.0	4.5	9.5	10.7	11.7	9.7	7.3	5.4	4.2	3.3	8.6
Both	28.4	27.3	25.7	24.3	22.4	20.6	18.6	25.2	23.6	20.8	18.2	16.3	14.1	11.9	10.6	18.3
Neither	51.1	48.2	47.0	46.8	47.0	47.2	47.3	48.2	56.6	53.7	53.8	54.2	55.1	55.8	55.3	54.9

[a] See text in Chapter 3 for a definition of the change scores and change patterns.

Notes: This table is comparable toTable 5.1 in Occasional Paper #35.

Missing data on the marijuana use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 3.5
Changes in 30-Day Marijuana Use Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age:	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included:	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in 30-Day Marijuana Use (-6 to +6)[a]	0.060	0.017	-0.129	-0.273	-0.414	-0.541	-0.642	-0.175	-0.003	-0.070	-0.161	-0.274	-0.379	-0.458	-0.534	-0.195
Mean Base Year 30-Day Marijuana Use (1= 0 Occasions, 7= 40 or More Occasions)	1.697	1.750	1.807	1.881	1.959	2.016	2.069	1.832	1.469	1.507	1.542	1.594	1.642	1.683	1.744	1.561
Mean Follow-Up 30-Day Marijuana Use (1= 0 Occasions, 7= 40 or More Occasions)	1.757	1.767	1.678	1.608	1.545	1.474	1.427	1.656	1.467	1.437	1.381	1.321	1.263	1.224	1.211	1.366
Part B																
Change Patterns in 30-Day Marijuana Use Dichotomies (%)[a]																
Stop	8.3	10.1	13.0	16.0	18.9	21.2	23.7	13.8	8.3	11.1	13.6	16.1	18.1	20.2	21.9	13.8
Start	9.5	10.2	8.8	7.0	6.3	5.0	4.1	8.1	8.2	8.4	6.6	5.0	3.7	2.9	2.5	6.2
Both	15.8	15.2	14.2	13.3	12.4	11.3	10.3	14.0	10.8	9.4	8.2	7.4	6.5	5.6	5.5	8.4
Neither	66.4	64.4	64.0	63.7	62.4	62.5	61.9	64.2	72.6	71.2	71.7	71.5	71.6	71.3	70.1	71.6

[a] See text in Chapter 3 for a definition of the change scores and change patterns.

Notes: This table is comparable to Table 5.2 in Occasional Paper #35.

Missing data on the marijuana use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 3.6
Changes in Annual Cocaine Use Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in Annual Cocaine Use (-6 to +6)[a]	0.094	0.197	0.216	0.181	0.122	0.058	0.016	0.142	0.065	0.119	0.112	0.072	0.028	-0.018	-0.036	0.067
Mean Base Year Annual Cocaine Use (1= 0 Occasions, 7 = 40 or More Occasions)	1.174	1.193	1.207	1.216	1.214	1.204	1.194	1.197	1.125	1.139	1.145	1.152	1.151	1.141	1.129	1.139
Mean Follow-Up Annual Cocaine Use (1= 0 Occasions, 7= 40 or More Occasions)	1.268	1.390	1.423	1.397	1.337	1.262	1.210	1.339	1.190	1.258	1.257	1.224	1.178	1.122	1.093	1.206
Part B																
Change Patterns in Annual Cocaine Use Dichotomies (%)[a]																
Stop	3.1	3.8	4.6	5.7	6.7	7.3	7.6	4.9	2.3	3.1	4.0	4.8	5.3	5.4	5.4	3.9
Start	6.7	10.9	12.0	11.3	9.9	7.8	6.3	9.5	4.9	7.6	8.0	6.8	5.6	4.0	3.3	6.1
Both	5.1	5.2	5.1	4.6	3.8	3.0	2.1	4.5	3.5	3.3	2.7	2.5	1.9	1.4	0.9	2.7
Neither	85.1	80.1	78.3	78.4	79.6	81.9	84.0	81.1	89.3	86.0	85.2	86.0	87.1	89.2	90.3	87.3

[a] See text in Chapter 3 for a definition of change scores and change patterns.

Notes: This table is comparable to Table 6.1 in Occasional Paper #35.

Missing data on the cocaine use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 3.7
Changes in 30-Day Cocaine Use Over Each Base Year to Follow-Up Interval by Gender and Endpoint of Interval

	Men								Women							
	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations	FU1	FU2	FU3	FU4	FU5	FU6	FU7	Total observations
Modal age	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32	19-20	21-22	23-24	25-26	27-28	29-30	31-32	19-32
Class years included	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94	76-94	76-92	76-90	76-88	76-86	76-84	76-82	76-94
Number of cases (Wtd.)	11,696	9,890	8,241	6,691	5,443	4,285	3,223	49,469	14,127	11,913	9,974	8,204	6,595	5,174	3,859	59,845
Part A																
Mean Change in 30-Day Cocaine Use (-6 to +6)[a]	0.020	0.043	0.040	0.035	0.010	-0.007	-0.008	0.025	0.014	0.022	0.023	0.009	-0.009	-0.014	-0.021	0.009
Mean Base Year 30-Day Cocaine Use (1 = 0 Occasions, 7 = 40 or More Occasions)	1.061	1.070	1.074	1.078	1.076	1.069	1.064	1.070	1.042	1.046	1.049	1.050	1.051	1.046	1.046	1.047
Mean Follow-Up 30-Day Cocaine Use (1 = 0 Occasions, 7 = 40 or More Occasions)	1.080	1.112	1.114	1.112	1.086	1.062	1.055	1.094	1.056	1.068	1.072	1.059	1.042	1.033	1.025	1.056
Part B																
Change Patterns in 30-Day Cocaine Use Dichotomies (%)[a]																
Stop	2.1	2.7	3.1	3.5	3.7	3.7	3.5	3.0	1.5	1.9	2.3	2.5	2.8	2.7	2.7	2.2
Start	3.5	5.5	5.9	5.6	4.4	3.4	2.5	4.6	2.5	3.3	3.7	2.9	2.2	1.7	1.4	2.7
Both	1.3	1.3	1.1	0.9	0.7	0.5	0.4	1.0	0.9	0.8	0.6	0.5	0.4	0.2	0.1	0.6
Neither	93.1	90.5	89.9	89.9	91.2	92.4	93.5	91.4	95.1	94.0	93.4	94.1	94.6	95.4	95.8	94.5

[a] See text in Chapter 3 for a definition of the change scores and change patterns.

Notes: This table is comparable to Table 6.2 in Occasional Paper #35.

Missing data on the cocaine use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure

Table 4.1: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cigarette Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

VARIABLE	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
	BIVARIATE COEFF	BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.093	0.093	0.093	0.093	0.093	0.039	0.079	0.087	0.795
SET#1 RACE									
WHITE	-0.008	-0.010 *	-0.009 *	-0.004	-0.004	0.005 **	0.003 **	0.011 **	-0.019 **
BLACK	0.103	0.084 **	0.090 **	0.046	0.042	-0.035 **	-0.013	-0.079 **	0.127 **
OTHER	-0.036	-0.010	-0.009	-0.009	-0.008	-0.009	-0.017 *	-0.019 *	0.045 **
SET#2 REGION									
NORTHEAST	-0.075	-0.057 **	-0.058 **	-0.069 **	-0.070 **	0.013 **	-0.006	0.026 **	-0.034 **
NORTH CENTRAL	0.033	0.038 **	0.038 **	0.036 *	0.036 *	-0.002	0.013 **	0.000	-0.011 *
SOUTH	0.065	0.031 *	0.030	0.041 **	0.040 **	-0.002	0.001	0.003	-0.001
WEST	-0.057	-0.048 *	-0.046 *	-0.046 *	-0.044 *	-0.011 **	-0.018 **	-0.043 **	0.072 **
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.010	0.006	0.007	0.008	0.010	-0.009 **	-0.009 **	-0.020 **	0.038 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.021	0.022 *	0.026 **	0.005	0.016	-0.008 **	-0.002	-0.025 **	0.035 **
URBANICITY (Mean=3.761)	-0.042	-0.039 **	-0.038 **	-0.044 **	-0.042 **	0.009 **	-0.004	0.009 **	-0.014 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.023	0.021	0.036	-0.024	-0.003	-0.007 *	-0.010 *	0.025 **	-0.008
FU #2	0.046	0.046 *	0.053 **	0.015	0.029	-0.003	0.004	0.012 *	-0.012
FU #3	0.034	0.034	0.027	0.029	0.019	-0.001	0.004	-0.006	0.002
FU #4	0.002	0.003	-0.008	0.027	0.012	0.002	0.006	-0.013 *	0.005
FU #5	-0.046	-0.045	-0.055 *	-0.003	-0.019	0.005	0.001	-0.018 **	0.012
FU #6	-0.090	-0.089 **	-0.097 **	-0.028	-0.043	0.009	-0.001	-0.021 **	0.013
FU #7	-0.118	-0.116 **	-0.123 **	-0.047	-0.062	0.013 *	0.000	-0.025 **	0.011
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	-0.001	-0.002	-0.001	-0.007	-0.005	-0.001	-0.005 *	0.003	0.003
TWO YEARS AFTER HIGH SCHOOL	0.002	0.002	0.001	0.007	0.006	0.001	0.005 *	-0.003	-0.004
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.012		-0.029		-0.091 **	0.004	-0.020 **	-0.023 **	0.039 **
PART-TIME STUDENT	-0.064		-0.065 *		-0.073 *	0.004	-0.010	-0.007	0.012
NOT A STUDENT	0.004		0.021 *		0.048 **	-0.002	0.010 **	0.011 **	-0.018 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.012		0.018		-0.006	0.000	0.001	-0.002	0.001
MILITARY SERVICE	0.264		0.227		0.213	-0.014	0.028	0.013	-0.027
PART-TIME JOB	-0.024		-0.029		-0.011	-0.001	-0.004	-0.003	0.008
HOMEMAKER	-0.142		-0.121 **		-0.003	0.002	-0.008	0.002	0.004
NONSTUDENT, NOT EMPLOYED	0.067		0.053		0.056	0.000	0.007	0.019	-0.026
OTHER	0.028		0.011		0.009	0.001	0.002	0.004	-0.008
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.158			-0.117 **	-0.134 **	0.004	-0.021 **	-0.009	0.026 **
PARTNER	0.142			0.141 **	0.136 **	0.017 **	0.046 **	0.064 **	-0.127 **
PARENT(S)	0.040			0.031	0.036	-0.008 **	-0.001	-0.009 *	0.018 **
DORM	0.062			0.042	0.097 *	-0.008	0.001	-0.014	0.021
LIVE ALONE	0.126			0.089 *	0.081 *	0.004	0.023 **	0.009	-0.035 **
OTHER	0.141			0.086 **	0.096 **	0.000	0.016 **	0.008	-0.023 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.007			-0.118 **	-0.123 **	0.003	-0.021 **	-0.012	0.030 **
NOT ENGAGED	0.001			0.011 **	0.012 **	0.000	0.002 **	0.001	-0.003 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.353			-0.267 **	-0.279 **	0.023 **	-0.031 **	-0.028 **	0.035 **
NO	0.021			0.016 **	0.016 **	-0.001 **	0.002 **	0.002 **	-0.002 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.196			-0.079 **	-0.083 **	0.010 *	-0.005	0.008	-0.013
SINGLE PARENT	0.240			0.152 **	0.133 **	0.004	0.036 **	0.042 **	-0.083 **
NOT A PARENT	0.035			0.009	0.012	-0.003 *	-0.002	-0.006 **	0.011 **

Section B: Standardized Regression Coefficients

VARIABLE SET	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
		BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0288	0.0255 *	0.0242 *	0.0124	0.0113	0.0612 **	0.0253 *	0.0937 **	0.1092 **
SET#2 REGION	0.0468	0.0364 **	0.0360 **	0.0410 **	0.0410 **	0.0409 **	0.0396 **	0.0757 **	0.0836 **
HIGH SCHOOL GRADES	0.0155	0.0099	0.0112	0.0115	0.0157	-0.0841 **	-0.0580 **	-0.1303 **	0.1698 **
R WILL ATTEND 4YR COLLEGE	0.0211	0.0217 *	0.0265 **	0.0053	0.0164	-0.0510 **	-0.0082	-0.1065 **	0.1040 **
URBANICITY	-0.0375	-0.0347 **	-0.0336 **	-0.0392 **	-0.0376 **	0.0466 **	-0.0141	0.0350 **	-0.0373 **
SET#3 FOLLOW-UP NUMBER	0.0430	0.0423 **	0.0471 **	0.0212	0.0224	0.0310	0.0214	0.0626 **	0.0233
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0013	0.0015	0.0006	0.0057	0.0045	0.0069	0.0184 *	0.0106	0.0082
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0177		0.0256 *		0.0548 **	0.0153	0.0481 **	0.0525 **	0.0619 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0422		0.0374 **		0.0192	0.0073	0.0151	0.0186	0.0197
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1045			0.0779 **	0.0881 **	0.0378 **	0.0731 **	0.0716 **	0.1054 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0019			0.0307 **	0.0321 **	0.0048	0.0242 **	0.0133	0.0232 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0724			0.0548 **	0.0573 **	0.0290 **	0.0274 **	0.0244 **	0.0209 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0944			0.0448 **	0.0433 **	0.0266	0.0351 **	0.0432 **	0.0577 **

Section C: Explained Variance

	BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr.	0.0061 **	0.0081 **	0.0208 **	0.0231 **	0.0255 **	0.0194 **	0.0670 **	0.0957 **
R Sqr., adjusted	0.0051	0.0067	0.0192	0.0211	0.0235	0.0174	0.0651	0.0939

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.5 in Bachman et al. (1997) and Table 3.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the cigarette use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.1: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cigarette Use (continued)

Women

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.127	0.127	0.127	0.127	0.127	0.028	0.071	0.091	0.810
SET#1 RACE									
WHITE	0.008	0.005	0.005	0.004	0.004	0.004 **	0.005 **	0.014 **	-0.022 **
BLACK	0.003	0.000	0.003	0.003	0.002	-0.026 **	-0.024 **	-0.080 **	0.130 **
OTHER	-0.066	-0.043	-0.042	-0.034	-0.035	-0.003	-0.016 *	-0.031 **	0.050 **
SET#2 REGION									
NORTHEAST	-0.020	-0.015	-0.014	-0.021	-0.020	0.009 **	0.003	0.028 **	-0.040 **
NORTH CENTRAL	0.038	0.036 **	0.037 **	0.032 *	0.032	-0.001	0.012 **	0.003	-0.013 **
SOUTH	0.008	0.002	0.002	0.011	0.011	-0.001	-0.004	0.000	0.005
WEST	-0.056	-0.050 **	-0.051 **	-0.051 **	-0.051 **	-0.009 **	-0.018 **	-0.042 **	0.069 **
HIGH SCHOOL GRADES/D=1 (Mean=6.241)	0.006	-0.002	0.000	-0.004	0.000	-0.006 **	-0.009 **	-0.019 **	0.035 **
R WILL ATTEND 4YR COLLEGE (Mean=2.905)	0.026	0.031 **	0.044 **	0.015	0.036 **	-0.004 **	0.007 **	-0.024 **	0.021 **
URBANICITY (Mean=3.796)	-0.021	-0.021 *	-0.021 *	-0.025 **	-0.024 **	0.005 **	-0.003	0.013 **	-0.014 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.011	-0.011	-0.007	-0.015	-0.011	-0.001	-0.005 *	0.006 **	-0.001
FU #2	0.013	0.013	0.008	0.018	0.013	0.001	0.005 *	-0.008 **	0.001
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	-0.006		-0.031 *		-0.063 **	-0.001	-0.018 **	-0.023 **	0.041 **
PART-TIME STUDENT	-0.015		-0.010		-0.001	0.004	0.006	-0.005	-0.005
NOT A STUDENT	0.010		0.039 **		0.076 **	0.000	0.020 **	0.029 **	-0.049 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.024		0.019		0.009	0.002	0.007	-0.001	-0.008
MILITARY SERVICE	0.182		0.157		0.121	-0.009	-0.013	0.032	-0.010
PART-TIME JOB	-0.012		-0.008		-0.004	-0.004	-0.006	-0.004	0.014 **
HOMEMAKER	-0.140		-0.143 **		-0.026	0.009	0.002	0.011	-0.023
NONSTUDENT, NOT EMPLOYED	-0.034		-0.046		-0.023	0.008	-0.004	0.012	-0.016
OTHER	0.004		0.008		-0.003	-0.001	-0.002	0.001	0.001
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.146			-0.111 **	-0.148 **	0.006	-0.019 **	-0.013	0.026 *
PARTNER	0.053			0.083 **	0.067 *	0.016 **	0.038 **	0.072 **	-0.126 **
PARENT(S)	-0.014			-0.010	-0.013	-0.003	-0.007 *	-0.007 *	0.017 **
DORM	0.029			0.005	0.046 *	-0.005	-0.006	-0.008	0.018 *
LIVE ALONE	0.098			0.078	0.059	0.010	0.029 *	0.003	-0.042 *
OTHER	0.096			0.071 **	0.078 **	0.000	0.018 **	0.006	-0.024 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.054			-0.080 **	-0.089 **	0.001	-0.010	-0.008	0.017
NOT ENGAGED	0.007			0.010 **	0.011 **	0.000	0.001	0.001	-0.002
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.344			-0.280 **	-0.291 **	0.039 **	-0.018	-0.033 **	0.011
NO	0.013			0.011 **	0.011 **	-0.002 **	0.001	0.001 **	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.180			-0.060	-0.060	0.008	-0.012	0.010	-0.006
SINGLE PARENT	0.004			-0.010	-0.032	0.018 *	0.009	0.028 *	-0.054 **
NOT A PARENT	0.011			0.004	0.005	-0.001 *	0.000	-0.002 *	0.003 *

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0213	0.0140	0.0136	0.0110	0.0112	0.0537 **	0.0383 **	0.1021 **	0.1215 **
SET#2 REGION	0.0315	0.0284 **	0.0289 **	0.0287 **	0.0286 **	0.0344 **	0.0391 **	0.0750 **	0.0883 **
HIGH SCHOOL GRADES	0.0105	-0.0034	0.0007	-0.0068	0.0008	-0.0694 **	-0.0671 **	-0.1224 **	0.1626 **
R WILL ATTEND 4YR COLLEGE	0.0295	0.0356 **	0.0497 **	0.0168	0.0404 **	-0.0290 **	0.0310 **	-0.0956 **	0.0619 **
URBANICITY	-0.0207	-0.0213 *	-0.0211 *	-0.0247 **	-0.0234 **	0.0291 **	-0.0133	0.0454 **	-0.0369 **
SET#3 FOLLOW-UP NUMBER	0.0112	0.0115	0.0072	0.0164	0.0116	0.0080	0.0194 *	0.0243 **	0.0018
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0089		0.0329 *		0.0648 **	0.0074	0.0707 **	0.0854 **	0.1090 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0353		0.0343 **		0.0137	0.0216	0.0207	0.0174	0.0270
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0706			0.0560 **	0.0689 **	0.0356 **	0.0621 **	0.0716 **	0.1000 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0184			0.0276 **	0.0306 **	0.0024	0.0138	0.0100	0.0153
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0656			0.0534 **	0.0556 **	0.0461 **	0.0133	0.0225 **	0.0055
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0429			0.0145	0.0160	0.0253 *	0.0128	0.0215 *	0.0282 **

Section C: Explained Variance

R Sqr	0.0028 **	0.0046 **	0.0107 **	0.0135 **	0.0199 **	0.0190 **	0.0758 **	0.1047 **
R Sqr , adjusted	0.0022	0.0036	0.0095	0.0118	0.0183	0.0174	0.0743	0.1033

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.5 in Bachman et al. (1997) and Table 3.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the cigarette use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.1: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cigarette Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.214	0.214	0.214	0.214	0.214	0.031	0.088	0.089	0.792
SET#1 RACE									
WHITE	-0.004	-0.007	-0.006	-0.003	-0.002	0.001	0.000	0.008 **	-0.009 **
BLACK	0.137	0.151 **	0.139 **	0.108 *	0.095 *	-0.024 **	0.013	-0.085 **	0.096 **
OTHER	-0.069	-0.055	-0.055	-0.058	-0.053	0.007	-0.010	-0.008	0.011
SET#2 REGION									
NORTHEAST	-0.029	-0.019	-0.019	-0.021	-0.023	0.006	-0.001	0.009 *	-0.014 *
NORTH CENTRAL	0.047	0.046 **	0.047 **	0.047 **	0.048 **	-0.001	0.011 **	0.007	-0.016 **
SOUTH	-0.013	-0.029	-0.031	-0.024	-0.025	0.003	-0.003	0.009 *	-0.010
WEST	-0.027	-0.009	-0.008	-0.017	-0.014	-0.012 **	-0.015 *	-0.042 **	0.068 **
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	-0.010	-0.006	-0.002	-0.004	-0.001	-0.007 **	-0.006 **	-0.020 **	0.032 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	-0.017	-0.008	0.006	-0.009	0.005	-0.006 **	-0.004	-0.028 **	0.037 **
URBANICITY (Mean=3.745)	-0.022	-0.018	-0.016	-0.020	-0.019	0.002	-0.004	0.006 *	-0.004
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.063	-0.062 **	-0.035	-0.064 **	-0.047	-0.002	-0.011 *	0.018 **	-0.005
FU #2	0.026	0.027	0.041	0.012	0.025	-0.002	0.005	0.008	-0.011
FU #3	0.044	0.044	0.036	0.037	0.030	-0.001	0.006	-0.003	-0.002
FU #4	0.031	0.030	0.014	0.035	0.023	0.000	0.004	-0.009	0.006
FU #5	0.027	0.025	0.005	0.037	0.023	0.001	0.005	-0.014	0.008
FU #6	-0.023	-0.026	-0.046	-0.007	-0.021	0.005	-0.001	-0.018 *	0.013
FU #7	-0.040	-0.042	-0.066	-0.023	-0.040	0.009	-0.002	-0.018	0.011
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.005	0.005	0.007	0.006	0.007	-0.003	-0.001	-0.001	0.004
TWO YEARS AFTER HIGH SCHOOL	-0.006	-0.006	-0.008	-0.007	-0.008	0.003	0.001	0.001	-0.004
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	-0.082		-0.064 *		-0.073 *	0.000	-0.020 **	-0.019 **	0.039 **
PART-TIME STUDENT	-0.046		-0.047		-0.045	0.002	-0.007	-0.010	0.015
NOT A STUDENT	0.043		0.035 **		0.039 **	0.000	0.010 **	0.010 **	-0.020 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.008		-0.012		-0.005	0.001	-0.001	-0.001	0.001
MILITARY SERVICE	0.189		0.161 **		0.162 **	-0.004	0.039 **	0.004	-0.039 *
PART-TIME JOB	-0.055		-0.012		-0.017	-0.001	-0.008	-0.006	0.014
HOMEMAKER	0.037		0.049		0.045	0.004	0.039	-0.013	-0.030
NONSTUDENT, NOT EMPLOYED	0.154		0.110 *		0.085	-0.001	0.033 **	0.032 **	-0.064 **
OTHER	-0.081		-0.028		-0.041	-0.001	-0.012	-0.001	0.015
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.082			-0.135 **	-0.154 **	0.009 *	-0.018 **	-0.003	0.012
PARTNER	0.170			0.143 **	0.141 **	0.004	0.037 **	0.037 **	-0.077 **
PARENT(S)	-0.014			0.018	0.023	-0.007 *	-0.002	-0.006	0.015 *
DORM	-0.094			-0.023	0.048	-0.006	0.003	-0.014	0.018
LIVE ALONE	0.074			0.067	0.051	0.001	0.002	0.000	-0.002
OTHER	0.090			0.100 **	0.098 **	-0.002	0.017 **	0.006	-0.022 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	0.042			-0.055	-0.065	0.001	-0.012	-0.011	0.022
NOT ENGAGED	-0.003			0.004	0.005	0.000	0.001	0.001	-0.002
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.030			0.024	0.021	-0.002	0.000	-0.010	0.011
NO	0.001			-0.001	-0.001	0.000	0.000	0.000	-0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.043			0.063	0.062	0.004	0.012	0.018 *	-0.034 **
SINGLE PARENT	0.372			0.258 **	0.250 **	0.005	0.069 **	0.051 **	-0.125 **
NOT A PARENT	-0.010			-0.025 **	-0.025 **	-0.001	-0.006 **	-0.006 **	0.013 **

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
		BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0331	0.0346 **	0.0321 **	0.0262 *	0.0236 *	0.0385 **	0.0154	0.0818 **	0.0654 **
SET#2 REGION	0.0258	0.0254	0.0261 *	0.0252	0.0261 *	0.0338 **	0.0304 *	0.0652 **	0.0744 **
HIGH SCHOOL GRADES	-0.0154	-0.0085	-0.0030	-0.0067	-0.0016	-0.0723 **	-0.0403 **	-0.1324 **	0.1515 **
R WILL ATTEND 4YR COLLEGE	-0.0160	-0.0074	0.0059	-0.0077	0.0049	-0.0419 **	-0.0147	-0.1101 **	0.1047 **
URBANICITY	-0.0189	-0.0154	-0.0134	-0.0177	-0.0163	0.0113	-0.0156	0.0241 *	-0.0107
SET#3 FOLLOW-UP NUMBER	0.0336	0.0333 *	0.0292	0.0320	0.0261	0.0187	0.0234	0.0465 *	0.0195
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0043	0.0045	0.0061	0.0052	0.0059	0.0160	0.0028	0.0010	0.0101
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0455		0.0370 *	**	0.0413 *	0.0032	0.0477 **	0.0450 **	0.0643 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0530		0.0365 *		0.0355 *	0.0066	0.0447 **	0.0257	0.0446 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0644			0.0752	0.0810 **	0.0366	0.0541 **	0.0388 **	0.0603 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0091			0.0119 **	0.0142	0.0010	0.0116	0.0102	0.0149
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0050			0.0040	0.0036	0.0023	0.0003	0.0071	0.0058
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0608			0.0490	0.0476 **	0.0120	0.0542 **	0.0478 **	0.0753 **

Section C: Explained Variance

	BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr.	0.0034 **	0.0062 **	0.0096 **	0.0125 **	0.0157 **	0.0202 **	0.0658 **	0.0902 **
R Sqr., adjusted	0.0022	0.0043	0.0077	0.0099	0.0131	0.0177	0.0634	0.0878

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.5 in Bachman et al. (1997) and Table 3.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the cigarette use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.1: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cigarette Use (continued)

Men

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.191	0.191	0.191	0.191	0.191	0.024	0.075	0.087	0.814
SET#1 RACE									
WHITE	0.000	-0.003	-0.002	-0.002	-0.001	0.002 **	0.002	0.010 **	-0.013 **
BLACK	0.082	0.093 **	0.081 *	0.072 *	0.060	-0.022 **	-0.005	-0.084 **	0.111 **
OTHER	-0.060	-0.040	-0.043	-0.037	-0.039	0.001	-0.009	-0.017 *	0.025 *
SET#2 REGION									
NORTHEAST	-0.003	0.004	0.010	0.009	0.009	0.002	0.002	0.012 **	-0.016 *
NORTH CENTRAL	0.046	0.045 **	0.047 **	0.043 **	0.045 **	-0.001	0.011 **	0.009 *	-0.019 **
SOUTH	-0.019	-0.031 *	-0.035 *	-0.027	-0.030	0.003	-0.003	0.005	-0.005
WEST	-0.046	-0.031	-0.035	-0.039	-0.039	-0.007 *	-0.016 **	-0.040 **	0.063 **
HIGH SCHOOL GRADES/D=1 (Mean=5.727)	-0.010	-0.008	0.000	-0.007	0.000	-0.005 **	-0.005 **	-0.018 **	0.027 **
R WILL ATTEND 4YR COLLEGE (Mean=2.910)	-0.014	-0.003	0.031 **	-0.003	0.028 *	-0.003 *	0.004	-0.023 **	0.021 **
URBANICITY (Mean=3.766)	-0.018	-0.017	-0.013	-0.015	-0.012	0.002	-0.004	0.007 **	-0.005
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.041	-0.041 **	-0.032 **	-0.029 **	-0.026 **	0.000	-0.005 *	0.006 **	-0.001
FU #2	0.049	0.048 **	0.037 **	0.034 **	0.031 **	0.000	0.006 *	-0.008 **	0.002
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	-0.069		-0.062 **		-0.066 **	-0.004	-0.019 **	-0.019 **	0.042 **
PART-TIME STUDENT	0.007		0.003		0.008	0.000	0.007	-0.007	0.000
NOT A STUDENT	0.082		0.073 **		0.077 **	0.005	0.022 **	0.023 **	-0.050 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.041		0.005		0.013	0.002	0.007	0.007	-0.015 **
MILITARY SERVICE	0.253		0.209 **		0.169 **	-0.007	0.034 **	0.004	-0.032 *
PART-TIME JOB	-0.058		-0.026		-0.021	0.001	-0.008	-0.009	0.016 *
HOMEMAKER	-0.060		-0.037		-0.055	0.015	0.021	-0.042	0.005
NONSTUDENT, NOT EMPLOYED	0.066		0.007		0.007	-0.004	0.012	0.022	-0.030
OTHER	-0.087		-0.028		-0.035	-0.002	-0.011 *	-0.005	0.018 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.045			-0.105 *	-0.159 **	0.014 *	-0.013	0.012	-0.013
PARTNER	0.190			0.150 **	0.139 **	0.008	0.047 **	0.046 **	-0.100 **
PARENT(S)	-0.037			-0.029 *	-0.029 *	-0.002	-0.008 **	-0.006	0.017 **
DORM	-0.078			-0.054 *	0.004	-0.002	-0.002	-0.010	0.015
LIVE ALONE	0.106			0.088	0.049	-0.003	0.002	0.007	-0.006
OTHER	0.092			0.090 **	0.075 **	0.001	0.013 **	0.006	-0.020 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	0.074			0.015	-0.004	0.001	0.004	0.004	-0.009
NOT ENGAGED	-0.006			-0.001	0.000	0.000	0.000	0.000	0.001
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	0.022			0.014	0.017	0.008	-0.012	0.009	-0.003
NO	0.000			0.000	0.000	0.000	0.000	0.000	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	0.010			0.085	0.081	0.014	0.029	0.009	-0.052 *
SINGLE PARENT	0.256			0.173 **	0.160 *	0.010	0.056 **	0.032	-0.097 **
NOT A PARENT	-0.007			-0.007 **	-0.007 *	-0.001	-0.002 **	-0.001	0.004 **

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of Daily Half-Pack Smoking			
		BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0270	0.0264 *	0.0240 *	0.0212	0.0188	0.0412 **	0.0136	0.0683 **	0.0859 **
SET#2 REGION	0.0310	0.0301 *	0.0329 **	0.0301 *	0.0316 **	0.0234	0.0344 **	0.0652 **	0.0750 **
HIGH SCHOOL GRADES	-0.0184	-0.0139	0.0005	-0.0129	-0.0006	-0.0563 **	-0.0355 **	-0.1199 **	0.1327 **
R WILL ATTEND 4YR COLLEGE	-0.0141	-0.0030	0.0328 **	-0.0027	0.0286 *	-0.0230 *	0.0174	-0.0900 **	0.0618 **
URBANICITY	-0.0179	-0.0165	-0.0124	-0.0151	-0.0122	0.0110	-0.0155	0.0276 **	-0.0137
SET#3 FOLLOW-UP NUMBER	0.0414	0.0409 **	0.0317 **	0.0290 **	0.0263 **	0.0026	0.0222 *	0.0245 **	0.0039
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0665		0.0593 **		0.0631 **	0.0278	0.0739 **	0.0710 **	0.1123 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0746		0.0498 **		0.0429 **	0.0171	0.0452 *	0.0304	0.0470 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0699			0.0639 **	0.0619 **	0.0298	0.0507 **	0.0433 **	0.0686 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0189			0.0039	0.0009	0.0011	0.0042	0.0039	0.0062
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0027			0.0017	0.0021	0.0068	0.0060	0.0045	0.0011
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0372			0.0293 *	0.0272 *	0.0199	0.0392 **	0.0188	0.0467 **

Section C: Explained Variance

		BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr		0.0039 **	0.0100 **	0.0085 **	0.0138 **	0.0122 **	0.0227 **	0.0706 **	0.0979 **
R Sqr., adjusted		0.0031	0.0087	0.0071	0.0118	0.0102	0.0206	0.0686	0.0960

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.5 in Bachman et al. (1997) and Table 3.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the cigarette use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

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Table 4.2: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Alcohol Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

VARIABLE	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.124	0.124	0.124	0.124	0.124	0.124	0.177	0.515	0.184
SET#1 RACE									
WHITE	-0.021	-0.026 **	-0.026 **	-0.027 **	-0.027 **	0.000	-0.015 **	0.042 **	-0.028 **
BLACK	0.189	0.250 **	0.245 **	0.235 **	0.232 **	-0.013	0.085 **	-0.251 **	0.180 **
OTHER	-0.007	-0.019	-0.012	0.007	0.008	0.010	0.051 **	-0.137 **	0.076 **
SET#2 REGION									
NORTHEAST	0.013	0.013	0.006	-0.024	-0.024	0.001	-0.014 *	0.062 **	-0.049 **
NORTH CENTRAL	-0.044	-0.003	-0.007	-0.011	-0.011	-0.008 *	0.003	0.036 **	-0.031 **
SOUTH	-0.015	-0.051 *	-0.048 *	-0.024	-0.025	0.012 **	-0.005	-0.054 **	0.048 **
WEST	0.095	0.083 **	0.092 **	0.099 **	0.101 **	-0.008	0.023 **	-0.056 **	0.041 **
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.105	0.083 **	0.075 **	0.072 **	0.073 **	-0.006 **	0.013 **	-0.027 **	0.020 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.197	0.139 **	0.110 **	0.068 **	0.072 **	-0.006 *	0.007 *	0.013 **	-0.015 **
URBANICITY (Mean=3.761)	0.061	0.028 *	0.024	0.012	0.013	-0.005	-0.002	0.030 **	-0.023 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.117	0.097 **	0.034	-0.098 **	-0.088 **	0.003	-0.025 **	-0.011	0.032 **
FU #2	0.182	0.173 **	0.140 **	0.067 **	0.075 **	-0.012 *	0.012	0.003	-0.003
FU #3	0.058	0.057 *	0.073 *	0.059 *	0.057 *	-0.009	0.012	0.006	-0.010
FU #4	-0.069	-0.061	-0.030	0.037	0.030	0.000	0.009	0.007	-0.015
FU #5	-0.154	-0.141 **	-0.092 *	0.021	0.012	0.005	0.006	-0.001	-0.009
FU #6	-0.292	-0.267 **	-0.211 **	-0.045	-0.055	0.012	-0.002	0.004	-0.014
FU #7	-0.336	-0.309 **	-0.242 **	-0.057	-0.067	0.022 *	-0.003	-0.006	-0.014
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.001	-0.001	-0.007	-0.021	-0.020	0.004	-0.004	-0.001	0.001
TWO YEARS AFTER HIGH SCHOOL	-0.002	0.001	0.007	0.023	0.022	-0.005	0.004	0.001	-0.001
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.329		0.148 **		-0.047	0.004	0.007	-0.008	-0.003
PART-TIME STUDENT	0.033		-0.014		-0.033	-0.007	-0.003	0.012	-0.002
NOT A STUDENT	-0.141		-0.059 **		0.024	-0.001	-0.002	0.002	0.001
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.006		0.073 **		0.003	-0.004	0.002	0.017 **	-0.015 **
MILITARY SERVICE	0.260		0.270		0.200	0.020	0.072	-0.050	-0.042
PART-TIME JOB	0.087		-0.049		0.004	-0.004	0.004	-0.006	0.006
HOMEMAKER	-0.609		-0.426 **		-0.097 *	0.031 **	-0.009	-0.069 **	0.047 **
NONSTUDENT, NOT EMPLOYED	-0.250		-0.099		-0.034	0.008	-0.005	-0.058 **	0.056 **
OTHER	0.291		0.050		0.035	-0.002	-0.010	0.007	0.005
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.445			-0.266 **	-0.270 **	0.027 **	-0.010	-0.040 **	0.024 **
PARTNER	-0.020			0.029	0.028	-0.010	-0.019	0.114 **	-0.085 **
PARENT(S)	0.096			0.027	0.029	-0.001	-0.004	-0.028 **	0.033 **
DORM	0.565			0.353 **	0.369 **	-0.031 **	0.036 **	0.007	-0.012
LIVE ALONE	0.426			0.228 **	0.223 **	-0.021 *	0.036 **	0.018	-0.034 **
OTHER	0.413			0.283 **	0.284 **	-0.031 **	0.005	0.074 **	-0.049 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.079			-0.237 **	-0.240 **	0.029 **	-0.002	-0.038 **	0.011
NOT ENGAGED	0.008			0.023 **	0.023 **	-0.003 **	0.000	0.004 **	-0.001
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-1.147			-0.871 **	-0.872 **	0.301 **	-0.114 **	-0.301 **	0.105 **
NO	0.067			0.051 **	0.051 **	-0.018 **	0.007 **	0.018 **	-0.006 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.617			-0.275 **	-0.258 **	0.048 **	-0.033 **	-0.025 *	0.010
SINGLE PARENT	-0.166			-0.269 **	-0.268 **	0.035 **	0.017	-0.058 **	0.006
NOT A PARENT	0.188			0.101 **	0.096 **	-0.016 **	0.008 **	0.012 **	-0.003

Section B: Standardized Regression Coefficients

VARIABLE SET	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0381	0.0502 **	0.0493 **	0.0476 **	0.0469 **	0.0146	0.0856 **	0.1887 **	0.1654 **
SET#2 REGION	0.0292	0.0277 *	0.0286 **	0.0276 **	0.0281 **	0.0258 *	0.0313 **	0.1035 **	0.1099 **
HIGH SCHOOL GRADES	0.1206	0.0950 **	0.0861 **	0.0825 **	0.0833 **	-0.0339 **	0.0637 **	-0.0977 **	0.0923 **
R WILL ATTEND 4YR COLLEGE	0.1470	0.1035 **	0.0823 **	0.0507 **	0.0536 **	-0.0199 *	0.0221 *	0.0308 **	-0.0447 **
URBANICITY	0.0403	0.0185 *	0.0159	0.0078	0.0084	-0.0157	-0.0060	0.0637 **	-0.0627 **
SET#3 FOLLOW-UP NUMBER	0.1056	0.0968 **	0.0737 **	0.0414 **	0.0404 **	0.0286	0.0382 **	0.0134	0.0471 **
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0009	0.0007	0.0044	0.0137	0.0134	0.0130	0.0109	0.0013	0.0013
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1279		0.0563 **		0.0204	0.0087	0.0108	0.0116	0.0046
SET#6 WORK STATUS AT FOLLOW-UP	0.1325		0.0844 **		0.0219	0.0283	0.0204	0.0525 **	0.0553 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.2315			0.1414 **	0.1438 **	0.0685 **	0.0417 **	0.1032 **	0.1001 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0153			0.0459 **	0.0484 **	0.0273 **	0.0017	0.0236 **	0.0090
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.1746			0.1327 **	0.1328 **	0.2215 **	0.0726 **	0.1461 **	0.0658 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.2048			0.1042 **	0.0991 **	0.0826 **	0.0445 **	0.0418 **	0.0142

Section C: Explained Variance

R Sqr	0.0402 **	0.0490 **	0.0978 **	0.0983 **	0.0896 **	0.0278 **	0.1088 **	0.0810 **
R Sqr, adjusted	0.0392	0.0476	0.0963	0.0965	0.0877	0.0258	0.1070	0.0791

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.6 in Bachman et al. (1997) and Table 4.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.2: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Alcohol Use (continued)

Women

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.271	0.271	0.271	0.271	0.271	0.097	0.184	0.520	0.199
SET#1 RACE									
WHITE	0.015	0.005	0.002	-0.004	-0.003	-0.002	-0.013 **	0.047 **	-0.033 **
BLACK	0.003	0.055	0.065	0.079 *	0.076 *	-0.003	0.076 **	-0.258 **	0.184 **
OTHER	-0.123	-0.099 **	-0.078 *	-0.060	-0.060	0.017 *	0.029 **	-0.128 **	0.082 **
SET#2 REGION									
NORTHEAST	0.050	0.037	0.020	0.004	0.002	-0.001	-0.006	0.057 **	-0.051 **
NORTH CENTRAL	0.024	0.042 *	0.037 *	0.021	0.021	-0.009 **	0.002	0.038 **	-0.031 **
SOUTH	-0.060	-0.066 **	-0.057 **	-0.031	-0.031	0.011 **	-0.006	-0.048 **	0.043 **
WEST	0.001	-0.003	0.011	0.016	0.018	-0.003	0.015 *	-0.056 **	0.044 **
HIGH SCHOOL GRADES/D=1 (Mean=6.241)	0.093	0.063 **	0.049 **	0.045 **	0.045 **	-0.002	0.011 **	-0.030 **	0.021 **
R WILL ATTEND 4YR COLLEGE (Mean=2.905)	0.187	0.150 **	0.089 **	0.063 **	0.061 **	-0.003	0.012 **	0.000	-0.010 **
URBANICITY (Mean=3.796)	0.058	0.035 **	0.028 *	0.022	0.022	-0.003	-0.001	0.023 **	-0.019 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.029	-0.032 **	-0.056 **	-0.075 **	-0.077 **	0.009 **	-0.016 **	-0.010 *	0.017 **
FU #2	0.034	0.038 **	0.066 **	0.089 **	0.091 **	-0.010 **	0.019 **	0.012 *	-0.021 **
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.222		0.106 **		-0.010	-0.001	-0.001	0.002	0.000
PART-TIME STUDENT	-0.104		-0.081 *		-0.033	-0.003	-0.005	0.020	-0.012
NOT A STUDENT	-0.246		-0.110 **		0.019	0.002	0.002	-0.006	0.003
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.135		-0.009		-0.033	0.002	-0.002	0.018 **	-0.018 **
MILITARY SERVICE	0.053		0.170		0.061	0.045	0.081 *	-0.112 *	-0.014
PART-TIME JOB	0.094		0.004		0.019	-0.005	0.008	-0.008	0.006
HOMEMAKER	-0.618		-0.447 **		-0.079	0.033 *	-0.010	-0.046 *	0.024
NONSTUDENT, NOT EMPLOYED	-0.349		-0.127 *		-0.038	0.006	-0.001	-0.036	0.032 *
OTHER	0.239		0.099 **		0.041	-0.003	-0.008	0.003	0.009
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.586			-0.388 **	-0.380 **	0.032 **	-0.014	-0.088 **	0.071 **
PARTNER	-0.198			-0.070	-0.065	0.006	-0.008	0.087 **	-0.085 **
PARENT(S)	-0.081			-0.071 **	-0.067 **	0.008 **	-0.008 *	-0.032 **	0.031 **
DORM	0.422			0.288 **	0.274 **	-0.024 **	0.029 **	0.020 *	-0.025 **
LIVE ALONE	0.182			0.109	0.114	0.001	0.020	0.043	-0.064 **
OTHER	0.335			0.233 **	0.227 **	-0.027 **	0.002	0.094 **	-0.069 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.274			-0.256 **	-0.254 **	0.036 **	-0.005	-0.050 **	0.020 *
NOT ENGAGED	0.034			0.032 **	0.032 **	-0.005 **	0.001	0.006 **	-0.003 *
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-1.121			-0.763 **	-0.761 **	0.245 **	-0.116 **	-0.254 **	0.114 **
NO	0.043			0.029 **	0.029 **	-0.009 **	0.004 **	0.010 **	-0.004 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.788			-0.318 **	-0.311 **	0.078 **	-0.035 *	-0.030	-0.014
SINGLE PARENT	-0.326			-0.242 **	-0.237 **	0.041 **	0.002	-0.060 **	0.017
NOT A PARENT	0.063			0.030 **	0.030 **	-0.007 **	0.002	0.004 **	0.000

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0275	0.0242 *	0.0215 *	0.0199	0.0194	0.0192	0.0724 **	0.1990 **	0.1740 **
SET#2 REGION	0.0293	0.0314 **	0.0263 *	0.0148	0.0150	0.0276 **	0.0193	0.0984 **	0.1060 **
HIGH SCHOOL GRADES	0.1150	0.0784 **	0.0611 **	0.0558 **	0.0553 **	-0.0137	0.0540 **	-0.1103 **	0.0960 **
R WILL ATTEND 4YR COLLEGE	0.1476	0.1189 **	0.0704 **	0.0498 **	0.0478 **	-0.0104	0.0359 **	0.0006	-0.0281 **
URBANICITY	0.0401	0.0241 **	0.0194 *	0.0151	0.0153	-0.0095	-0.0020	0.0472 **	-0.0499 **
SET#3 FOLLOW-UP NUMBER	0.0212	0.0238 **	0.0409 **	0.0551 **	0.0568 **	0.0319 **	0.0460 **	0.0211 *	0.0475 **
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1524		0.0716 **		0.0116	0.0048	0.0060	0.0145	0.0097
SET#6 WORK STATUS AT FOLLOW-UP	0.1413		0.0715 **		0.0239	0.0282	0.0243	0.0384 **	0.0365 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.2198			0.1481 **	0.1435 **	0.0677 **	0.0384 **	0.1201 **	0.1288 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0657			0.0614 **	0.0608 **	0.0427 **	0.0049	0.0358 **	0.0181 *
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.1486			0.1012 **	0.1009 **	0.1628 **	0.0586 **	0.0997 **	0.0560 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1401			0.0637 **	0.0622 **	0.0719 **	0.0220	0.0288 **	0.0119

Section C: Explained Variance

	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr	0.0295 **	0.0399 **	0.0763 **	0.0767 **	0.0591 **	0.0202 **	0.1032 **	0.0848 **
R Sqr, adjusted	0.0289	0.0389	0.0752	0.0752	0.0575	0.0186	0.1017	0.0833

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.6 in Bachman et al. (1997) and Table 4.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

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Table 4.2: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Alcohol Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.370	0.370	0.370	0.370	0.370	0.080	0.158	0.838	0.122
SET#1 RACE									
WHITE	-0.018	-0.024 **	-0.024 **	-0.025 **	-0.025 **	-0.001	-0.012 **	0.025 **	-0.013 **
BLACK	0.265	0.375 **	0.374 **	0.367 **	0.364 **	-0.008	0.115 **	-0.215 **	0.108 **
OTHER	-0.036	-0.066	-0.064	-0.044	-0.042	0.012	0.028 *	-0.077 **	0.037 **
SET#2 REGION									
NORTHEAST	0.068	0.047	0.047	0.026	0.025	-0.006	-0.013 *	0.063 **	-0.044 **
NORTH CENTRAL	0.004	0.043	0.043	0.045	0.046	-0.009 *	0.006	0.031 **	-0.026 **
SOUTH	-0.119	-0.133 **	-0.133 **	-0.117 **	-0.119 **	0.015 **	-0.015 **	-0.037 **	0.037 **
WEST	0.113	0.093 *	0.093 *	0.090 *	0.092 *	-0.001	0.036 **	-0.081 **	0.045 **
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	0.117	0.096 **	0.094 **	0.088 **	0.089 **	-0.005 **	0.017 **	-0.026 **	0.014 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	0.183	0.100 **	0.092 **	0.062 **	0.066 **	-0.007 **	0.003	0.010 *	-0.006
URBANICITY (Mean=3.745)	0.099	0.051 **	0.050 **	0.038 *	0.037 *	-0.007 **	0.003	0.013 **	-0.008 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.051	-0.063 *	-0.085 **	-0.175 **	-0.170 **	0.000	-0.032 **	-0.003	0.035 **
FU #2	0.184	0.178 **	0.164 **	0.096 **	0.101 **	-0.017 **	0.014 *	0.004	-0.001
FU #3	0.116	0.114 **	0.120 **	0.102 **	0.100 **	-0.009	0.013	0.006	-0.010
FU #4	-0.001	0.006	0.019	0.056	0.051	-0.003	0.010	0.003	-0.010
FU #5	-0.087	-0.076	-0.059	0.028	0.023	0.010	0.011	0.000	-0.021 *
FU #6	-0.214	-0.200 **	-0.180 **	-0.044	-0.048	0.023 **	0.002	-0.003	-0.022 *
FU #7	-0.241	-0.224 **	-0.202 **	-0.028	-0.031	0.035 **	-0.002	-0.019	-0.014
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	-0.001	-0.002	-0.004	-0.013	-0.013	0.002	-0.004	-0.001	0.003
TWO YEARS AFTER HIGH SCHOOL	0.001	0.003	0.004	0.015	0.014	-0.002	0.004	0.001	-0.003
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.204		0.019		-0.043	0.001	0.003	-0.005	0.002
PART-TIME STUDENT	0.021		-0.015		-0.007	0.000	0.009	-0.017	0.008
NOT A STUDENT	-0.094		-0.006		0.020	0.000	-0.003	0.005	-0.002
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.077		-0.019		0.003	-0.004	-0.003	0.014 **	-0.007 *
MILITARY SERVICE	0.127		0.147 *		0.125	0.003	0.044 **	-0.027	-0.019
PART-TIME JOB	0.153		0.037		0.031	-0.001	0.011	-0.028 *	0.018 *
HOMEMAKER	-0.563		-0.474		-0.391	0.050	-0.015	-0.135	0.100
NONSTUDENT, NOT EMPLOYED	-0.234		-0.145		-0.177 *	0.036 **	-0.005	-0.055 **	0.024
OTHER	0.183		0.039		-0.025	0.005	-0.013	0.003	0.005
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.355			-0.230 **	-0.246 **	0.018 **	-0.013	-0.019	0.014
PARTNER	-0.024			-0.008	-0.006	-0.017	-0.033 *	0.106 **	-0.056 **
PARENT(S)	-0.048			-0.036	-0.028	0.004	0.003	-0.035 **	0.028 **
DORM	0.362			0.244 **	0.285 **	-0.015	0.047 **	-0.023	-0.009
LIVE ALONE	0.228			0.131 *	0.119 *	-0.008	0.021	0.005	-0.018
OTHER	0.350			0.238 **	0.236 **	-0.017 **	-0.004	0.055 **	-0.034 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.117			-0.191 **	-0.199 **	0.018	0.004	-0.038 *	0.016
NOT ENGAGED	0.009			0.014 **	0.015 **	-0.001	0.000	0.003 *	-0.001
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.386			-0.132	-0.133	0.010	-0.027	-0.023	0.040 **
NO	0.017			0.006	0.006	0.000	0.001	0.001	-0.002 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.492			-0.212 **	-0.210 **	0.020 *	-0.013	-0.028 *	0.022 *
SINGLE PARENT	-0.054			-0.078	-0.074	0.012	-0.013	0.033	-0.031 *
NOT A PARENT	0.101			0.046 **	0.046 **	-0.005 **	0.003	0.004	-0.003

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0404	0.0575 **	0.0573 **	0.0560 **	0.0556 **	0.0151	0.0905 **	0.1352 **	0.0986 **
SET#2 REGION	0.0481	0.0493 **	0.0493 **	0.0441 **	0.0448 **	0.0369 **	0.0494 **	0.1076 **	0.1142 **
HIGH SCHOOL GRADES	0.1260	0.1034 **	0.1010 **	0.0948 **	0.0956 **	-0.0358 **	0.0901 **	-0.1053 **	0.0837 **
R WILL ATTEND 4YR COLLEGE	0.1174	0.0641 **	0.0590 **	0.0396 **	0.0423 **	-0.0301 **	0.0093	0.0226 *	-0.0192
URBANICITY	0.0600	0.0310 **	0.0303 **	0.0230 *	0.0227 *	-0.0293 **	0.0083	0.0289 **	-0.0272 **
SET#3 FOLLOW-UP NUMBER	0.0759	0.0729 **	0.0698 **	0.0604 **	0.0595 **	0.0535 **	0.0505 **	0.0126	0.0625 **
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0005	0.0014	0.0022	0.0078	0.0074	0.0083	0.0108	0.0022	0.0083
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0737		0.0069		0.0157	0.0022	0.0098	0.0145	0.0098
SET#6 WORK STATUS AT FOLLOW-UP	0.0724		0.0324 *		0.0303 *	0.0333 *	0.0331 *	0.0446 **	0.0376 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1526			0.1005 **	0.1054 **	0.0508 **	0.0501 **	0.0884 **	0.0833 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0178			0.0292 **	0.0304 **	0.0184	0.0030	0.0216 *	0.0130
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0454			0.0155	0.0157	0.0075	0.0155	0.0101	0.0256 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1219			0.0537 **	0.0531 **	0.0337 *	0.0177	0.0282	0.0332 *

Section C: Explained Variance

R Sqr.	0.0325 **	0.0336 **	0.0480 **	0.0490 **	0.0199 **	0.0252 **	0.0533 **	0.0490 **
R Sqr., adjusted	0.0313	0.0318	0.0461	0.0465	0.0173	0.0227	0.0508	0.0465

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.6 in Bachman et al. (1997) and Table 4.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.2: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Alcohol Use (continued)

Men

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
VARIABLE	BIVARIATE COEFF.	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.426	0.426	0.426	0.426	0.426	0.066	0.160	0.628	0.146
SET#1 RACE									
WHITE	0.002	-0.010	-0.011	-0.013	-0.013	-0.001	-0.010 **	0.029 **	-0.017 **
BLACK	0.080	0.192 **	0.194 **	0.173 **	0.177 **	0.001	0.085 **	-0.218 **	0.132 **
OTHER	-0.071	-0.057	-0.049	-0.023	-0.021	0.011	0.021 *	-0.078 **	0.046 **
SET#2 REGION									
NORTHEAST	0.107	0.089 **	0.081 **	0.071 *	0.069 *	-0.008	-0.012	0.068 **	-0.048 **
NORTH CENTRAL	0.064	0.083 **	0.081 **	0.074 **	0.074 **	-0.013 **	0.007	0.032 **	-0.026 **
SOUTH	-0.153	-0.155 **	-0.150 **	-0.135 **	-0.134 **	0.015 **	-0.015 **	-0.039 **	0.038 **
WEST	0.018	0.009	0.016	0.013	0.015	0.007	0.029 **	-0.077 **	0.041 **
HIGH SCHOOL GRADES/D=1 (Mean=5.727)	0.085	0.062 **	0.052 **	0.048 **	0.045 **	0.000	0.014 **	-0.031 **	0.018 **
R WILL ATTEND 4YR COLLEGE (Mean=2.910)	0.157	0.109 **	0.069 **	0.056 **	0.045 **	-0.005 *	0.010 **	-0.005	0.000
URBANICITY (Mean=3.766)	0.075	0.032 *	0.027	0.027	0.025	-0.007 **	0.001	0.012 **	-0.006
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.109	-0.111 **	-0.122 **	-0.125 **	-0.128 **	0.009 **	-0.020 **	-0.007	0.017 **
FU #2	0.129	0.131 **	0.144 **	0.148 **	0.151 **	-0.011 **	0.023 **	0.008	-0.020 **
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.165		0.071 **		0.025	-0.002	-0.004	0.011	-0.004
PART-TIME STUDENT	-0.064		-0.049		-0.006	0.002	0.003	-0.009	0.004
NOT A STUDENT	-0.185		-0.075 **		-0.029	0.002	0.005	-0.011	0.004
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.161		-0.056 *		-0.009	0.000	-0.007	0.017 *	-0.010
MILITARY SERVICE	0.108		0.207 **		0.096	0.001	0.037 *	-0.025	-0.014
PART-TIME JOB	0.102		0.021		0.040	-0.006	0.015 *	-0.019 *	0.009
HOMEMAKER	-0.429		-0.384		-0.359	0.042	0.004	-0.125	0.079
NONSTUDENT, NOT EMPLOYED	-0.312		-0.154 *		-0.147 *	0.026 *	-0.026	-0.048 *	0.048 **
OTHER	0.162		0.044		-0.017	0.000	-0.008	0.009	-0.002
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.450			-0.357 **	-0.352 **	0.040 **	-0.007	-0.086 **	0.053 **
PARTNER	-0.061			-0.014	-0.005	-0.020	-0.024	0.125 **	-0.082 **
PARENT(S)	-0.168			-0.122 **	-0.114 **	0.008 **	-0.007	-0.029 **	0.028 **
DORM	0.296			0.220 **	0.211 **	-0.013 *	0.031 **	-0.006	-0.012
LIVE ALONE	0.040			0.022	0.021	-0.007	0.015	0.031	-0.040 **
OTHER	0.288			0.211 **	0.198 **	-0.016 **	-0.005	0.063 **	-0.042 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.303			-0.274 **	-0.271 **	0.038 **	-0.003	-0.060 **	0.025 *
NOT ENGAGED	0.023			0.021 **	0.021 **	-0.003 **	0.000	0.005 **	-0.002 *
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.307			0.017	0.021	-0.006	-0.009	-0.005	0.020
NO	0.006			0.000	0.000	0.000	0.000	0.000	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.592			-0.238 *	-0.227 *	0.025	-0.023	0.034	-0.036
SINGLE PARENT	-0.046			0.019	0.030	-0.006	0.001	0.039	-0.034
NOT A PARENT	0.022			0.008	0.007	-0.001	0.001	-0.002	0.002 *

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0192	0.0342 **	0.0342 **	0.0300 **	0.0306 **	0.0143	0.0707 **	0.1435 **	0.1184 **
SET#2 REGION	0.0639	0.0644 **	0.0620 **	0.0556 **	0.0553 **	0.0484 **	0.0440 **	0.1094 **	0.1078 **
HIGH SCHOOL GRADES	0.0998	0.0729 **	0.0608 **	0.0560 **	0.0527 **	-0.0024	0.0717 **	-0.1232 **	0.0961 **
R WILL ATTEND 4YR COLLEGE	0.1085	0.0754 **	0.0474 **	0.0387 **	0.0311 **	-0.0242 *	0.0309 **	-0.0124	0.0011
URBANICITY	0.0487	0.0206 *	0.0174	0.0176	0.0159	-0.0277 **	0.0018	0.0259 **	-0.0178
SET#3 FOLLOW-UP NUMBER	0.0724	0.0734 **	0.0808 **	0.0832 **	0.0850 **	0.0400 **	0.0581 **	0.0153	0.0532 **
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1028		0.0437 **		0.0157	0.0084	0.0119	0.0222	0.0120
SET#6 WORK STATUS AT FOLLOW-UP	0.0968		0.0467 **		0.0303	0.0267	0.0388 **	0.0416 **	0.0391 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1510			0.1130 **	0.1082 **	0.0639 **	0.0403 **	0.1052 **	0.1041 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0514			0.0465 **	0.0460 **	0.0427 **	0.0025	0.0346 **	0.0199 *
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0253			0.0014	0.0017	0.0034	0.0033	0.0014	0.0075
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0670			0.0268	0.0257	0.0184	0.0116	0.0184	0.0244

Section C: Explained Variance

	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr	0.0264 **	0.0305 **	0.0418 **	0.0429 **	0.0169 **	0.0204 **	0.0603 **	0.0520 **
R Sqr., adjusted	0.0257	0.0292	0.0403	0.0409	0.0148	0.0183	0.0583	0.0501

NOTES * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.6 in Bachman et al. (1997) and Table 4.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

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Table 4.3: Regression Analyses Linking Post-High School Experiences to Changes in 2-Week Heavy Alcohol Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.098	-0.098	-0.098	-0.098	-0.098	0.153	0.125	0.125	0.597
SET#1 RACE									
WHITE	-0.016	-0.018 **	-0.018 **	-0.017 **	-0.017 **	0.013 **	0.007 **	0.017 **	-0.036 **
BLACK	0.137	0.157 **	0.151 **	0.136 **	0.133 **	-0.089 **	-0.049 **	-0.108 **	0.246 **
OTHER	0.006	0.004	0.007	0.018	0.018	-0.028 **	-0.011	-0.044 **	0.083 **
SET#2 REGION									
NORTHEAST	-0.001	0.007	0.003	-0.013	-0.014	0.020 **	0.003	0.010 *	-0.033 **
NORTH CENTRAL	-0.032	-0.008	-0.009	-0.013	-0.013	0.008	0.010 **	0.027 **	-0.046 **
SOUTH	0.030	0.001	0.003	-0.017	0.017	-0.018 **	-0.007	-0.016 **	0.041 **
WEST	0.008	0.002	0.008	0.012	0.013	-0.010	-0.012	-0.036 **	0.058 **
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.062	0.052 **	0.047 **	0.046 **	0.046 **	-0.020 **	-0.003	-0.021 **	0.043 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.107	0.069 **	0.049 **	0.029 **	0.029 **	-0.004	0.002	-0.007 **	0.009 *
URBANICITY (Mean=3.761)	0.017	0.001	-0.001	-0.008	-0.007	0.003	0.000	0.003	-0.007
SET#3 FOLLOW-UP NUMBER									
FU #1	0.176	0.166 **	0.111 **	0.041 *	0.035	-0.013 *	-0.007	0.024 **	-0.003
FU #2	0.148	0.143 **	0.118 **	0.086 **	0.084 **	-0.014 *	0.019 **	0.013 *	-0.019 *
FU #3	-0.008	-0.008	0.010	0.008	0.010	0.001	0.010	-0.003	-0.008
FU #4	-0.109	-0.105 **	-0.074 **	-0.040	-0.037	0.007	-0.004	-0.013	0.009
FU #5	-0.166	-0.159 **	-0.120 **	-0.064 *	-0.061 *	0.015	-0.005	-0.020 *	0.010
FU #6	-0.230	-0.217 **	-0.175 **	-0.098 **	-0.095 **	0.019	-0.018 *	-0.024 **	0.024
FU #7	-0.256	-0.243 **	-0.197 **	-0.109 **	-0.106 **	0.024 *	-0.018	-0.027 *	0.021
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.004	0.003	-0.002	-0.009	-0.010	0.005	-0.003	0.005 *	-0.007
TWO YEARS AFTER HIGH SCHOOL	-0.004	-0.004	0.002	0.010	0.011	-0.005	0.004	-0.006 *	0.007
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.269		0.097 **		-0.014	0.005	0.006	-0.008	-0.003
PART-TIME STUDENT	-0.030		-0.036		-0.035	0.003	-0.013	-0.003	0.014
NOT A STUDENT	-0.107		-0.035 **		0.011	-0.003	0.000	0.004	-0.001
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.056		0.010		-0.015	0.006	0.000	0.005	-0.011 *
MILITARY SERVICE	0.133		0.132		0.095	-0.033	0.021	-0.011	0.024
PART-TIME JOB	0.086		-0.018		0.004	-0.006	-0.001	-0.004	0.011
HOMEMAKER	-0.308		-0.181 **		-0.037	-0.006	-0.019	-0.023 *	0.048 **
NONSTUDENT, NOT EMPLOYED	-0.113		-0.029		-0.004	-0.002	-0.012	-0.018	0.031
OTHER	0.274		0.089 **		0.064 *	-0.009	0.015	0.006	-0.012
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.276			-0.207 **	-0.204 **	0.033 **	-0.054 **	-0.041 **	0.063 **
PARTNER	-0.105			-0.029	-0.028	0.031 **	0.025 *	0.065 **	-0.121 **
PARENT(S)	0.086			0.050 **	0.053 **	-0.025 **	-0.001	-0.003	0.028 **
DORM	0.483			0.326 **	0.307 **	-0.044 **	0.087 **	0.014	-0.057 **
LIVE ALONE	0.120			0.084 *	0.085 *	-0.015	0.018	0.012	-0.016
OTHER	0.250			0.209 **	0.205 **	-0.021 **	0.063 **	0.057 **	-0.099 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.093			-0.181 **	-0.179 **	0.013	-0.048 **	-0.040 **	0.075 **
NOT ENGAGED	0.009			0.017 **	0.017 **	-0.001	0.005 **	0.004 **	-0.007 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.417			-0.233 **	-0.234 **	0.071 **	-0.085 **	-0.082 **	0.069 **
NO	0.025			0.014 **	0.014 **	-0.004 **	0.004 **	0.005 **	-0.004 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.334			-0.059 *	-0.060 *	0.027 **	-0.014	-0.012	-0.002
SINGLE PARENT	-0.091			-0.143 **	-0.144 **	0.039 **	-0.017	-0.024 *	0.002
NOT A PARENT	0.102			0.029 **	0.029 **	-0.011 **	0.005 *	0.005 *	0.000

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0366	0.0420 **	0.0406 **	0.0371 **	0.0362 **	0.0852 **	0.0496 **	0.1157 **	0.1737 **
SET#2 REGION	0.0204	0.0047	0.0053	0.0117	0.0118	0.0423 **	0.0255 *	0.0703 **	0.0900 **
HIGH SCHOOL GRADES	0.0943	0.0785 **	0.0710 **	0.0695 **	0.0696 **	-0.0988 **	-0.0163	-0.1151 **	0.1612 **
R WILL ATTEND 4YR COLLEGE	0.1055	0.0681 **	0.0486 **	0.0285 **	0.0282 **	-0.0139	0.0076	-0.0243 **	0.0212 *
URBANICITY	0.0147	0.0005	-0.0007	-0.0070	-0.0065	0.0088	0.0012	0.0099	-0.0139
SET#3 FOLLOW-UP NUMBER	0.1317	0.1255 **	0.0954 **	0.0535 **	0.0513 **	0.0368 *	0.0377 **	0.0555 **	0.0274
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0035	0.0030	0.0014	0.0077	0.0084	0.0131	0.0105	0.0170 *	0.0140
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1356		0.0485 **	0.1477 **	0.0129	0.0098	0.0153	0.0156	0.0091
SET#6 WORK STATUS AT FOLLOW-UP	0.1218		0.0515 **		0.0242	0.0188	0.0254	0.0262	0.0370 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.2018				0.1440 **	0.0817 **	0.1454 **	0.1157 **	0.1375 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0239			0.0463 **	0.0459 **	0.0113	0.0446 **	0.0376 **	0.0471 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0841			0.0469 **	0.0472 **	0.0479 **	0.0475 **	0.0599 **	0.0341 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1467			0.0425 **	0.0429 **	0.0508 **	0.0266 *	0.0280 *	0.0023

Section C: Explained Variance

R Sqr	0.0327 **	0.0374 **	0.0572 **	0.0577	0.0449 **	0.042 **	0.0580 **	0.0853 **
R Sqr, adjusted	0.0318	0.0360	0.0557	0.0558	0.0429	0.0400	0.0560	0.0834

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.

Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.

Detailed guidelines for table interpretation are provided in the text.

This table is comparable to Table A.7 in Bachman et al. (1997) and Table 4.4 in Occasional Paper #35.

See Table A.65 for weighted Ns by variable subgroup. Missing data on the heavy alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.3: Regression Analyses Linking Post-High School Experiences to Changes in 2-Week Heavy Alcohol Use (continued)

Women

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.067	0.067	0.067	0.067	0.067	0.115	0.155	0.152	0.578
SET#1 RACE									
WHITE	0.011	0.005	0.003	0.001	0.001	0.010 **	0.010 **	0.021 **	-0.041 **
BLACK	-0.005	0.015	0.017	0.018	0.015	-0.066 **	-0.064 **	-0.123 **	0.252 **
OTHER	-0.086	-0.059 *	-0.044	-0.026	-0.025	-0.015	-0.017	-0.053 **	0.084 **
SET#2 REGION									
NORTHEAST	0.045	0.039 *	0.026	0.018	0.016	0.014 **	0.013 *	0.011 *	-0.037 **
NORTH CENTRAL	0.007	0.017	0.014	0.001	0.002	0.002	0.011 *	0.036 **	-0.049 **
SOUTH	-0.013	-0.017	-0.011	0.006	0.005	-0.011 **	-0.011 *	-0.020 **	0.042 **
WEST	-0.048	-0.052 *	-0.038	-0.037	-0.034	-0.002	-0.016 *	-0.043 **	0.061 **
HIGH SCHOOL GRADES/D=1 (Mean=6.241)	0.061	0.041 **	0.029 **	0.028 **	0.026 **	-0.015 **	-0.003	-0.022 **	0.040 **
R WILL ATTEND 4YR COLLEGE (Mean=2.905)	0.122	0.100 **	0.051 **	0.039 **	0.031 **	-0.005	0.005	-0.008 *	0.007
URBANICITY (Mean=3.796)	0.026	0.012	0.008	0.005	0.005	0.001	0.002	0.002	-0.006
SET#3 FOLLOW-UP NUMBER									
FU #1	0.013	0.011	-0.008	-0.016	-0.020 *	-0.001	-0.011 **	0.004	0.007 *
FU #2	-0.016	-0.013	0.010	0.019	0.023 *	0.001	0.013 **	-0.005	-0.009 *
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.167		0.082 **		0.010	-0.001	0.006	-0.008	0.003
PART-TIME STUDENT	-0.103		-0.074 *		-0.036	0.001	-0.010	0.008	0.001
NOT A STUDENT	-0.180		-0.083 **		-0.005	0.001	-0.005	0.008	-0.004
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.118		-0.026		-0.028	0.010 *	-0.004	0.001	-0.007
MILITARY SERVICE	-0.123		-0.036		-0.118	0.006	-0.033	-0.028	0.054
PART-TIME JOB	0.047		-0.016		-0.005	-0.003	-0.001	-0.003	0.007
HOMEMAKER	-0.374		-0.256 **		-0.076	0.006	-0.022	-0.019	0.035
NONSTUDENT, NOT EMPLOYED	-0.228		-0.079		-0.042	-0.004	-0.017	-0.006	0.027
OTHER	0.217		0.114 **		0.069 **	-0.011 *	0.015 *	0.008	-0.012
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.371			-0.305 **	-0.284 **	0.036 **	-0.084 **	-0.074 **	0.122 **
PARTNER	-0.226			-0.136 **	-0.126 **	0.040 **	-0.003	0.052 **	-0.090 **
PARENT(S)	-0.064			-0.051 **	-0.044 **	-0.008 *	-0.022 **	-0.013 **	0.043 **
DORM	0.329			0.245 **	0.210 **	-0.023 **	0.062 **	0.009	-0.048 **
LIVE ALONE	0.056			0.040	0.053	0.004	0.012	0.017	-0.032
OTHER	0.232			0.193 **	0.186 **	-0.005	0.065 **	0.064 **	-0.124 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.207			-0.175 **	-0.169 **	0.010	-0.050 **	-0.047 **	0.087 **
NOT ENGAGED	0.026			0.022 **	0.021 **	-0.001	0.006 **	0.006 **	-0.011 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.537			-0.283 **	-0.276 **	0.078 **	-0.057 **	-0.090 **	0.067 **
NO	0.021			0.011 **	0.011 **	-0.003 **	0.002 **	0.003 **	-0.003 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.427			-0.078	-0.067	0.021	-0.005	-0.012	-0.004
SINGLE PARENT	-0.191			-0.118 *	-0.104 *	0.047 **	0.001	-0.038 *	-0.011
NOT A PARENT	0.035			0.010 **	0.009 *	-0.003 **	0.000	0.002 *	0.001

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0241	0.0164	0.0126	0.0082	0.0076	0.0714 **	0.0618 **	0.1283 **	0.1842 **
SET#2 REGION	0.0250	0.0259 *	0.0185	0.0148	0.0133	0.0284 **	0.0341 **	0.0810 **	0.0949 **
HIGH SCHOOL GRADES	0.0938	0.0620 **	0.0450 **	0.0426 **	0.0400 **	-0.0856 **	-0.0158	-0.1129 **	0.1490 **
R WILL ATTEND 4YR COLLEGE	0.1198	0.0981 **	0.0502 **	0.0381 **	0.0304 **	-0.0165	0.0156	-0.0251 *	0.0173
URBANICITY	0.0224	0.0105	0.0067	0.0044	0.0041	0.0040	0.0057	0.0065	-0.0114
SET#3 FOLLOW-UP NUMBER	0.0121	0.0101	0.0077	0.0149	0.0179 *	0.0016	0.0334 **	0.0127	0.0163 *
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1407		0.0681 **		0.0109	0.0038	0.0176	0.0220	0.0063
SET#6 WORK STATUS AT FOLLOW-UP	0.1324		0.0665 **		0.0361 *	0.0257	0.0274	0.0178	0.0268
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1926			0.1507 **	0.1375 **	0.0651 **	0.1407 **	0.1162 **	0.1620 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0614			0.0518 **	0.0502 **	0.0114	0.0486 **	0.0466 **	0.0622 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0881			0.0465 **	0.0453 **	0.0477 **	0.0306 **	0.0489 **	0.0266 **
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0948			0.0261 *	0.0228 *	0.0347 **	0.0034	0.0231 *	0.0048

Section C: Explained Variance

R Sqr		0.0189 **	0.0286 **	0.0473 **	0.0485 **	0.0311 **	0.0407 **	0.0564 **	0.0937 **
R Sqr , adjusted		0.0184	0.0275	0.0462	0.0469	0.0295	0.0391	0.0548	0.0922

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.

Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.

Detailed guidelines for table interpretation are provided in the text.

This table is comparable to Table A.7 in Bachman et al. (1997) and Table 4.4 in Occasional Paper #35.

See Table A.65 for weighted Ns by variable subgroup. Missing data on the heavy alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.3: Regression Analyses Linking Post-High School Experiences to Changes in 2-Week Heavy Alcohol Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.026	-0.026	-0.026	-0.026	-0.026	0.159	0.169	0.298	0.375
SET#1 RACE									
WHITE	-0.014	-0.013 *	-0.013 *	-0.013 *	-0.013 *	0.005 **	0.001	0.021 **	-0.027 **
BLACK	0.155	0.180 **	0.178 **	0.159 **	0.157 **	-0.055 **	-0.005	-0.184 **	0.245 **
OTHER	0.016	-0.012	-0.012	0.001	0.001	-0.005	-0.004	-0.062 **	0.071 **
SET#2 REGION									
NORTHEAST	0.037	0.030	0.029	0.007	0.006	0.009	0.011	0.021 **	-0.041 **
NORTH CENTRAL	-0.021	0.007	0.007	0.010	0.011	-0.006	0.009	0.038 **	-0.041 **
SOUTH	-0.014	-0.023	-0.021	-0.008	-0.008	0.003	-0.009	-0.025 **	0.031 **
WEST	0.013	-0.014	-0.014	-0.017	-0.016	-0.006	-0.016 *	-0.057 **	0.080 **
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	0.072	0.054 **	0.050 **	0.048 **	0.048 **	-0.012 **	0.006 **	-0.033 **	0.039 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	0.133	0.081 **	0.064 **	0.045 **	0.044 **	-0.005	0.005	-0.006	0.006
URBANICITY (Mean=3.745)	0.055	0.023	0.021	0.008	0.008	-0.004	0.001	0.007	-0.004
SET#3 FOLLOW-UP NUMBER									
FU #1	0.157	0.149 **	0.101 **	0.006	-0.004	-0.013	-0.021 **	0.021 *	0.012
FU #2	0.226	0.222 **	0.194 **	0.135 **	0.130 **	-0.027 **	0.022 **	0.024 **	-0.018 *
FU #3	0.054	0.053	0.066 *	0.052	0.055	-0.008	0.016 *	0.006	-0.013
FU #4	-0.114	-0.109 **	-0.079 *	-0.037	-0.031	0.009	0.003	-0.011	0.000
FU #5	-0.219	-0.212 **	-0.174 **	-0.087 *	-0.079	0.021 *	-0.002	-0.026 *	0.007
FU #6	-0.327	-0.318 **	-0.276 **	-0.148 **	-0.139 **	0.039 **	-0.013	-0.038 **	0.012
FU #7	-0.359	-0.348 **	-0.304 **	-0.150 **	-0.140 *	0.046 **	-0.015	-0.048 **	0.018
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.024	0.026 *	0.022	0.013	0.013	-0.003	0.002	-0.005	0.006
TWO YEARS AFTER HIGH SCHOOL	-0.027	-0.028 *	-0.025	-0.014	-0.014	0.004	-0.003	0.006	-0.007
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.292		0.058		-0.003	-0.002	0.001	-0.008	0.009
PART-TIME STUDENT	-0.048		-0.052		-0.047	0.008	-0.012	-0.019	0.024
NOT A STUDENT	-0.123		-0.018		0.008	0.000	0.001	0.006	-0.007
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.127		-0.036 *		-0.013	0.000	-0.002	0.005	-0.003
MILITARY SERVICE	0.087		0.092		0.097	-0.005	0.035 *	-0.035	0.005
PART-TIME JOB	0.205		0.038		0.023	-0.004	0.003	-0.017	0.019
HOMEMAKER	-0.387		-0.357		-0.287	0.027	-0.014	-0.104	0.091
NONSTUDENT, NOT EMPLOYED	-0.121		-0.054		-0.100	0.017	-0.008	-0.017	0.008
OTHER	0.298		0.093 *		0.031	0.002	-0.006	0.017	-0.013
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.430			-0.329 **	-0.331 **	0.061 **	-0.048 **	-0.055 **	0.043 **
PARTNER	-0.174			-0.080	-0.076	0.010	0.004	0.092 **	-0.106 **
PARENT(S)	0.078			0.052 *	0.063 *	-0.019 **	-0.002	-0.015 *	0.036 **
DORM	0.484			0.322 **	0.310 **	-0.049 **	0.063 **	-0.006	-0.008
LIVE ALONE	0.091			0.092 *	0.089	-0.013	0.025 *	0.007	-0.020
OTHER	0.322			0.251 **	0.241 **	-0.035 **	0.036 **	0.073 **	-0.074 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.197			-0.268 **	-0.267 **	0.051 **	-0.035 **	-0.074 **	0.058 **
NOT ENGAGED	0.015			0.020 **	0.020 **	-0.004 **	0.003 **	0.006 **	-0.004 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.430			-0.113	-0.112	0.028	-0.035 *	-0.024	0.028
NO	0.019			0.005	0.005	-0.001	0.002 *	0.001	-0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.493			-0.067	-0.068	0.014	-0.014	-0.010	0.010
SINGLE PARENT	-0.055			-0.031	-0.027	0.019	0.005	0.043 *	-0.066 **
NOT A PARENT	0.101			0.015	0.015	-0.004	0.003	0.000	0.001

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0280	0.0320 **	0.0317 **	0.0284 **	0.0280 *	0.0418 **	0.0051	0.1206 **	0.1484 **
SET#2 REGION	0.0152	0.0133	0.0126	0.0068	0.0069	0.0170	0.0290 *	0.0777 **	0.0969 **
HIGH SCHOOL GRADES	0.0911	0.0685 **	0.0633 **	0.0605 **	0.0598 **	-0.0636 **	0.0325 **	-0.1404 **	0.1554 **
R WILL ATTEND 4YR COLLEGE	0.0998	0.0803 **	0.0481 **	0.0337 **	0.0327 **	-0.0162	0.0157	-0.0145	0.0132
URBANICITY	0.0368	0.0162	0.0152	0.0058	0.0055	-0.0122	0.0038	0.0173	-0.0099
SET#3 FOLLOW-UP NUMBER	0.1330	0.1290 **	0.1086 **	0.0604 **	0.0572 **	0.0625 **	0.0437 **	0.0531 **	0.0268
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0168	0.0177 *	0.0153	0.0090	0.0086	0.0099	0.0063	0.0120	0.0139
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1198		0.0244		0.0104	0.0071	0.0103	0.0188	0.0214
SET#6 WORK STATUS AT FOLLOW-UP	0.1160		0.0373 *		0.0254	0.0121	0.0226	0.0313 *	0.0219
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.2005			0.1492 **	0.1482 **	0.1085 **	0.0948 **	0.1084 **	0.1074 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0351			0.0477 **	0.0476 **	0.0380 **	0.0255 **	0.0439 **	0.0325 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0590			0.0156	0.0153	0.0159	0.0196 *	0.0109	0.0122
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1423			0.0200	0.0201	0.0206	0.0167	0.0206	0.0284 *

Section C: Explained Variance

R Sqr	0.0313 **	0.0335 **	0.0526 **	0.0532 **	0.0387 **	0.0198 **	0.0578 **	0.0699 **
R Sqr, adjusted	0.0301	0.0317	0.0507	0.0508	0.0362	0.0173	0.0553	0.0675

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.7 in Bachman et al. (1997) and Table 4.4 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the heavy alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.3: Regression Analyses Linking Post-High School Experiences to Changes in 2-Week Heavy Alcohol Use (continued)

Men

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.164	0.164	0.164	0.164	0.164	0.115	0.185	0.322	0.378
SET#1 RACE									
WHITE	0.014	0.006	0.005	0.004	0.004	0.002	0.003 *	0.026 **	-0.032 **
BLACK	-0.043	0.013	0.012	-0.002	-0.001	-0.021 *	-0.017	-0.208 **	0.246 **
OTHER	-0.084	-0.059	-0.051	-0.030	-0.030	-0.004	-0.016	-0.062 **	0.081 **
SET#2 REGION									
NORTHEAST	0.108	0.097 **	0.086 **	0.077 **	0.074 **	0.002	0.017 *	0.025 **	-0.044 **
NORTH CENTRAL	0.026	0.034	0.031	0.026	0.026	-0.009 *	0.008	0.041 **	-0.040 **
SOUTH	-0.072	-0.066 **	-0.080 **	-0.047 *	-0.046 *	0.004	-0.014 *	-0.027 **	0.036 **
WEST	-0.058	-0.068 **	-0.059 **	-0.063 *	-0.061 *	0.006	-0.013	-0.058 **	0.065 **
HIGH SCHOOL GRADES/D=1 (Mean=5.727)	0.069	0.043 **	0.032 **	0.030 **	0.026 **	-0.007 **	0.006 **	-0.035 **	0.037 **
R WILL ATTEND 4YR COLLEGE (Mean=2.910)	0.139	0.109 **	0.062 **	0.058 **	0.043 **	-0.006	0.009 *	-0.011 *	0.007
URBANICITY (Mean=3.766)	0.041	0.006	0.002	-0.001	-0.004	-0.004	-0.003	0.006	0.001
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.031	-0.032 **	-0.045 **	-0.054 **	-0.058 **	0.006 *	-0.019 **	-0.002	0.015 **
FU #2	0.036	0.038 **	0.053 **	0.064 **	0.069 **	-0.007 *	0.022 **	0.002	-0.018 **
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.168		0.081 **		0.039	-0.003	0.006	-0.003	-0.001
PART-TIME STUDENT	-0.099		-0.065		-0.034	-0.002	-0.015	0.000	0.017
NOT A STUDENT	-0.181		-0.084 **		-0.040	0.003	-0.005	0.003	-0.002
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.169		-0.066 **		-0.024	0.002	-0.001	0.000	-0.002
MILITARY SERVICE	0.065		0.167 **		0.093	0.011	0.041 **	-0.064 **	0.012
PART-TIME JOB	0.067		-0.010		-0.001	-0.002	0.002	-0.014	0.014
HOMEMAKER	-0.315		-0.286		-0.253	0.027	0.002	-0.119	0.091
NONSTUDENT, NOT EMPLOYED	-0.227		-0.072		-0.076	0.001	-0.013	-0.016	0.028
OTHER	0.201		0.082 **		0.031	-0.005	-0.008	0.031 **	-0.019 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.464			-0.410 **	-0.393 **	0.068 **	-0.065 **	-0.104 **	0.101 **
PARTNER	-0.263			-0.169 **	-0.157 *	0.009	-0.001	0.102 **	-0.110 **
PARENT(S)	-0.113			-0.079 **	-0.062 **	0.007	-0.019 **	-0.025 **	0.036 **
DORM	0.299			0.214 **	0.179 **	-0.027 **	0.043 **	-0.018	0.001
LIVE ALONE	-0.063			-0.057	-0.052	0.009	-0.002	0.030	-0.038
OTHER	0.237			0.192 **	0.173 **	-0.022 **	0.029 **	0.074 **	-0.082 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.375			-0.321 **	-0.312 **	0.051 **	-0.042 **	-0.090 **	0.082 **
NOT ENGAGED	0.029			0.025 **	0.024 **	-0.004 **	0.003 **	0.007 **	-0.006 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.382			-0.020	-0.019	0.027	-0.015	-0.016	0.005
NO	0.007			0.000	0.000	-0.001	0.000	0.000	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.536			-0.112	-0.103	0.038	-0.005	0.029	-0.062 *
SINGLE PARENT	-0.136			0.017	0.029	0.004	0.016	0.067 *	-0.087 **
NOT A PARENT	0.022			0.004	0.003	-0.001	0.000	-0.003 *	0.004 **

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 2-Week Heavy Alcohol Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0221	0.0138	0.0119	0.0071	0.0070	0.0198	0.0192	0.1379 **	0.1595 **
SET#2 REGION	0.0484	0.0464 **	0.0416 **	0.0369 **	0.0358 **	0.0191	0.0337 **	0.0816 **	0.0933 **
HIGH SCHOOL GRADES	0.0909	0.0576 **	0.0420 **	0.0387 **	0.0350 **	-0.0448 **	0.0287 **	-0.1439 **	0.1450 **
R WILL ATTEND 4YR COLLEGE	0.1083	0.0848 **	0.0485 **	0.0451 **	0.0333 **	-0.0214	0.0267 *	-0.0262 *	0.0171
URBANICITY	0.0300	0.0046	0.0011	-0.0010	-0.0028	-0.0132	-0.0094	0.0142	0.0026
SET#3 FOLLOW-UP NUMBER	0.0231	0.0238 **	0.0339 **	0.0404 **	0.0438 **	0.0191 *	0.0531 **	0.0035	0.0333 **
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1167		0.0558 **		0.0268	0.0091	0.0177	0.0059	0.0105
SET#6 WORK STATUS AT FOLLOW-UP	0.1104		0.0518 **		0.0262	0.0133	0.0282	0.0529 **	0.0306
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1585			0.1250 **	0.1127 **	0.0774 **	0.0808 **	0.1143 **	0.1209 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0721			0.0617 **	0.0598 **	0.0441 **	0.0300 **	0.0537 **	0.0467 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0356			0.0018	0.0017	0.0112	0.0051	0.0046	0.0013
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0702			0.0143	0.0134	0.0220	0.0068	0.0253 *	0.0370 **

Section C: Explained Variance

		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr		0.0176 **	0.0234 **	0.0365 **	0.0377 **	0.0208 **	0.0193 **	0.0603 **	0.0707 **
R Sqr, adjusted		0.0169	0.0221	0.0350	0.0357	0.0187	0.0172	0.0584	0.0687

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.7 in Bachman et al. (1997) and Table 4.4 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the heavy alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

Table 4.4: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Marijuana Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

VARIABLE	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.195	-0.195	-0.195	-0.195	-0.195	0.138	0.062	0.084	0.716
SET#1 RACE									
WHITE	-0.015	-0.017 **	-0.017 **	-0.019 **	-0.019 **	0.010 **	0.002	0.005 **	-0.017 **
BLACK	0.125	0.144 **	0.145 **	0.155 **	0.157 **	-0.056 **	-0.007	-0.025 **	0.089 **
OTHER	0.005	0.007	0.008	0.014	0.015	-0.031 **	-0.009	-0.025 **	0.064 **
SET#2 REGION									
NORTHEAST	-0.128	-0.101 **	-0.102 **	-0.106 **	-0.107 **	0.034 **	0.001	0.020 **	-0.056 **
NORTH CENTRAL	-0.011	0.008	0.008	0.006	0.006	-0.005	-0.001	-0.002	0.008
SOUTH	0.078	0.037 *	0.037 *	0.042 **	0.042 *	-0.021 **	-0.004	-0.015 **	0.039 **
WEST	0.058	0.060 *	0.063 **	0.060 *	0.062 **	-0.001	0.007	0.002	-0.009
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.066	0.058 **	0.057 **	0.055 **	0.056 **	-0.024 **	-0.003 *	-0.012 **	0.038 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.085	0.049 **	0.048 **	0.034 **	0.038 **	-0.003	-0.001	-0.014 **	0.019 **
URBANICITY (Mean=3.761)	-0.042	-0.045 **	-0.045 **	-0.047 **	-0.046 **	0.014 **	0.001	0.014 **	-0.029 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.192	0.185 **	0.182 **	0.158 **	0.166 **	-0.041 **	0.012 **	0.032 **	-0.004
FU #2	0.125	0.123 **	0.121 **	0.104 **	0.108 **	-0.022 **	0.016 **	0.010 *	-0.003
FU #3	0.034	0.034	0.035	0.032	0.029	-0.003	0.004	-0.007	0.006
FU #4	-0.079	-0.076 **	-0.075 **	-0.063 *	-0.068 *	0.016 *	-0.008	-0.013 *	0.005
FU #5	-0.184	-0.181 **	-0.179 **	-0.156 **	-0.162 **	0.034 **	-0.018 **	-0.021 **	0.004
FU #6	-0.264	-0.255 **	-0.253 **	-0.218 **	-0.224 **	0.050 **	-0.023 **	-0.029 **	0.001
FU #7	-0.340	-0.332 **	-0.328 **	-0.288 **	-0.294 **	0.066 **	-0.026 **	-0.029 **	-0.012
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.008	0.008	0.008	0.005	0.006	-0.003	-0.001	0.002	0.002
TWO YEARS AFTER HIGH SCHOOL	-0.009	-0.009	-0.008	-0.006	-0.006	0.003	0.001	-0.003	-0.002
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.192		0.015		-0.023	0.002	-0.003	-0.017 **	0.018 *
PART-TIME STUDENT	-0.066		-0.063		-0.065 *	0.013	-0.002	0.003	-0.015
NOT A STUDENT	-0.070		0.003		0.019	-0.003	0.002	0.007 **	-0.006
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.040		0.015		0.001	0.000	-0.002	-0.002	0.003
MILITARY SERVICE	-0.137		-0.187		-0.215	0.016	-0.051 *	-0.065 *	0.100 *
PART-TIME JOB	0.075		-0.011		0.001	0.001	0.002	0.000	-0.002
HOMEMAKER	-0.177		-0.061		0.007	-0.008	-0.007	-0.008	0.023
NONSTUDENT, NOT EMPLOYED	-0.058		-0.010		0.006	-0.009	0.006	0.010	-0.007
OTHER	0.158		0.004		0.001	0.005	0.007	0.010	-0.022 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.158			-0.046 *	-0.050 *	0.005	-0.025 **	-0.018 **	0.039 **
PARTNER	0.011			0.062	0.060	0.026 *	0.040 **	0.089 **	-0.154 **
PARENT(S)	0.045			-0.024	-0.023	-0.012 *	-0.010 **	-0.015 **	0.036 **
DORM	0.283			0.045	0.056	-0.019	0.029 **	-0.006	-0.003
LIVE ALONE	0.036			0.039	0.039	0.004	0.016 *	0.004	-0.024
OTHER	0.122			0.077 **	0.083 **	0.004	0.035 **	0.025 **	-0.064 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	0.000			-0.074 *	-0.075 *	0.003	-0.030 **	-0.031 **	0.058 **
NOT ENGAGED	0.000			0.007 *	0.007 *	0.000	0.003 **	0.003 **	-0.006 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.213			-0.128 **	-0.133 **	0.032 **	-0.024 **	-0.038 **	0.022
NO	0.013			0.008 **	0.008 **	-0.002 **	0.001 **	0.002 **	-0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.232			-0.054	-0.058	0.020 *	-0.005	-0.007	-0.008
SINGLE PARENT	-0.149			-0.120 **	-0.126 **	0.037 **	-0.010	-0.009	-0.017
NOT A PARENT	0.078			0.025 **	0.027 **	-0.009 **	0.002	0.003	0.004

Section B: Standardized Regression Coefficients

VARIABLE SET	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0315	0.0364 **	0.0367 **	0.0395 **	0.0399 **	0.0613 **	0.0158	0.0415 **	0.0802 **
SET#2 REGION	0.0616	0.0452 **	0.0460 **	0.0478 **	0.0481 **	0.0577 **	0.0147	0.0461 **	0.0767 **
HIGH SCHOOL GRADES	0.0948	0.0828 **	0.0815 **	0.0791 **	0.0799 **	-0.1249 **	-0.0197 *	-0.0795 **	0.1549 **
R WILL ATTEND 4YR COLLEGE	0.0787	0.0456 **	0.0444 **	0.0320 **	0.0355 **	-0.0110	-0.0065	-0.0605 **	0.0487 **
URBANICITY	-0.0348	-0.0369 **	-0.0371 **	-0.0383 **	-0.0380 **	0.0415 **	0.0061	0.0519 **	-0.0668 **
SET#3 FOLLOW-UP NUMBER	0.1357	0.1321 **	0.1305 **	0.1133 **	0.1171 **	0.0986 **	0.0607 **	0.0781 **	0.0110
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0068	0.0064	0.0061	0.0042	0.0046	0.0092	0.0053	0.0092	0.0043
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0903		0.0163		0.0217	0.0133	0.0090	0.0371 *	0.0252
SET#6 WORK STATUS AT FOLLOW-UP	0.0706		0.0202		0.0139	0.0109	0.0234	0.0261	0.0297 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1053			0.0380 **	0.0408 **	0.0329 *	0.1051 **	0.1083 **	0.1297 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0001			0.0179 *	0.0180 *	0.0029	0.0386 **	0.0345 **	0.0397 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0405			0.0244 **	0.0252 **	0.0225 **	0.0236 **	0.0332 **	0.0120
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1020			0.0347 **	0.0369 **	0.0432 **	0.0159	0.0166	0.0146

Section C: Explained Variance

		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr		0.0345 **	0.0351 **	0.0380 **	0.0385 **	0.0451 **	0.0211 **	0.0381 **	0.0641 **
R Sqr, adjusted		0.0335	0.0337	0.0364	0.0366	0.0431	0.0191	0.0361	0.0622

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.8 in Bachman et al. (1997) and Table 5.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day marijuana use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.4: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Marijuana Use (continued)

Women

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.034	-0.034	-0.034	-0.034	-0.034	0.096	0.083	0.102	0.720
SET#1 RACE									
WHITE	-0.002	-0.006	-0.007	-0.009	-0.010 *	0.008 **	0.003 *	0.008 **	-0.018 **
BLACK	0.059	0.074 *	0.079 **	0.090 **	0.092 **	-0.039 **	-0.004	-0.031 **	0.074 **
OTHER	-0.041	-0.029	-0.025	-0.014	-0.013	-0.027 **	-0.017 *	-0.032 **	0.076 **
SET#2 REGION									
NORTHEAST	-0.060	-0.054 **	-0.057 **	-0.059 **	-0.059 **	0.023 **	0.006	0.029 **	-0.058 **
NORTH CENTRAL	-0.001	0.008	0.007	0.001	0.001	-0.004	-0.002	-0.002	0.008
SOUTH	0.030	0.014	0.016	0.024	0.024	-0.014 **	-0.008 *	-0.019 **	0.040 **
WEST	0.028	0.033	0.036	0.033	0.033	0.001	0.010	0.000	-0.011
HIGH SCHOOL GRADES/D=1 (Mean=6.241)	0.047	0.037 **	0.034 **	0.032 **	0.033 **	-0.017 **	-0.002	-0.014 **	0.033 **
R WILL ATTEND 4YR COLLEGE (Mean=2.905)	0.071	0.052 **	0.043 **	0.030 **	0.033 **	-0.004	0.000	-0.015 **	0.019 **
URBANICITY (Mean=3.796)	-0.009	-0.010	-0.012	-0.011	-0.011	0.007 **	0.004	0.017 **	-0.028 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.031	0.029 **	0.026 **	0.025 **	0.027 **	-0.008 **	-0.001	0.010 **	-0.002
FU #2	-0.036	-0.034 **	-0.030 **	-0.029 **	-0.032 **	0.009 **	0.001	-0.012 **	0.002
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.072		0.023		-0.007	-0.001	-0.004	-0.016 **	0.021 **
PART-TIME STUDENT	-0.039		-0.028		-0.011	0.003	0.002	0.008	-0.013
NOT A STUDENT	-0.078		-0.022		0.011	0.001	0.004	0.018 **	-0.023 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.037		0.018		0.011	0.003	0.002	-0.003	-0.003
MILITARY SERVICE	-0.284		-0.254 *		-0.315 **	0.013	-0.073 **	-0.086 **	0.145 **
PART-TIME JOB	0.033		-0.001		0.006	-0.002	0.000	-0.004	0.007
HOMEMAKER	-0.200		-0.137 **		-0.042	0.006	-0.007	-0.007	0.009
NONSTUDENT, NOT EMPLOYED	-0.081		-0.010		0.016	-0.014	0.002	0.010	0.002
OTHER	0.067		0.007		-0.010	0.000	0.000	0.011 *	-0.011
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.169			-0.093 **	-0.095 **	0.008	-0.041 **	-0.039 **	0.072 **
PARTNER	0.015			0.077 *	0.073 *	0.025 **	0.033 **	0.090 **	-0.148 **
PARENT(S)	-0.048			-0.043 **	-0.048 **	-0.006 *	-0.018 **	-0.014 **	0.039 **
DORM	0.125			0.046 *	0.053 *	-0.015 *	0.024 **	-0.001	-0.008
LIVE ALONE	0.022			0.021	0.024	0.021	0.021	0.023	-0.065 **
OTHER	0.130			0.109 **	0.117 **	0.010	0.040 **	0.030 **	-0.081 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.072			-0.073 **	-0.074 **	-0.003	-0.033 **	-0.030 **	0.066 **
NOT ENGAGED	0.009			0.009 **	0.009 **	0.000	0.004 **	0.004 **	-0.008 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	-								
YES	-0.311			-0.215 **	-0.216 **	0.044 **	-0.040 **	-0.042 **	0.034
NO	0.012			0.008 **	0.008 **	-0.002 **	0.002 **	0.002 **	-0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.236			-0.084	-0.076	0.027 *	-0.004	-0.006	-0.018
SINGLE PARENT	-0.119			-0.104 *	-0.103 *	0.029 *	-0.011	-0.031 *	0.013
NOT A PARENT	0.020			0.010 **	0.009 *	-0.003 **	0.001	0.002	0.001

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0198	0.0223 *	0.0232 *	0.0261 **	0.0266 **	0.0563 **	0.0213 *	0.0515 **	0.0825 **
SET#2 REGION	0.0306	0.0262 *	0.0281 **	0.0296 **	0.0294 **	0.0464 **	0.0231	0.0567 **	0.0796 **
HIGH SCHOOL GRADES	0.0757	0.0588 **	0.0544 **	0.0518 **	0.0522 **	-0.1034 **	-0.0154	-0.0863 **	0.1353 **
R WILL ATTEND 4YR COLLEGE	0.0727	0.0536 **	0.0437 **	0.0302 **	0.0340 **	-0.0153	-0.0013	-0.0586 **	0.0496 **
URBANICITY	-0.0076	-0.0085	-0.0104	-0.0096	-0.0097	0.0225 **	0.0150	0.0578 **	-0.0628 **
SET#3 FOLLOW-UP NUMBER	0.0293	0.0276 **	0.0244 **	0.0233 **	0.0255 **	0.0279 **	0.0026	0.0358 **	0.0042
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0635		0.0200		0.0078	0.0044	0.0134	0.0552 **	0.0476 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0579		0.0320 **		0.0264	0.0137	0.0240	0.0325 **	0.0320 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0899			0.0603 **	0.0640 **	0.0392 **	0.1049 **	0.1066 **	0.1427 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0224			0.0225 **	0.0228 **	0.0031	0.0420 **	0.0355 **	0.0518 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0534			0.0369 **	0.0370 **	0.0289 **	0.0285 **	0.0274 **	0.0146
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0557			0.0264 *	0.0249 *	0.0310 **	0.0087	0.0215 **	0.0113

Section C: Explained Variance

		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr		0.0104 **	0.0118 **	0.0171 **	0.0178 **	0.0255 **	0.0150 **	0.0400 **	0.0638 **
R Sqr, adjusted		0.0098	0.0107	0.0159	0.0161	0.0239	0.0133	0.0384	0.0622

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.8 in Bachman et al. (1997) and Table 5.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day marijuana use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.4: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Marijuana Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.175	-0.175	-0.175	-0.175	-0.175	0.138	0.081	0.140	0.642
SET#1 RACE									
WHITE	-0.011	-0.011	-0.012	-0.012 *	-0.013 *	0.005 **	0.001	0.006 **	-0.012 **
BLACK	0.074	0.088	0.098	0.093	0.105 *	-0.025 *	0.005	-0.031 **	0.052 **
OTHER	0.048	0.039	0.036	0.045	0.045	-0.032 **	-0.010	-0.033 **	0.075 **
SET#2 REGION									
NORTHEAST	-0.086	-0.063 *	-0.064 *	-0.073 **	-0.072 **	0.017 **	0.007	0.013 *	-0.037 **
NORTH CENTRAL	0.004	0.021	0.020	0.023	0.022	0.001	0.000	0.001	-0.003
SOUTH	0.048	0.025	0.026	0.032	0.032	-0.010 *	-0.002	-0.009	0.022 **
WEST	0.027	0.002	0.003	0.000	0.000	-0.008	-0.006	-0.005	0.018
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	0.077	0.054 **	0.054 **	0.052 **	0.052 **	-0.017 **	-0.003 *	-0.019 **	0.039 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	0.135	0.101 **	0.098 **	0.087 **	0.088 **	-0.007 *	0.008 **	-0.011 **	0.010 *
URBANICITY (Mean=3.745)	-0.031	-0.059 **	-0.058 **	-0.065 **	-0.063 **	0.019 **	0.002	0.021 **	-0.042 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.235	0.225 **	0.223 **	0.175 **	0.197 **	-0.040 **	0.006	0.031 **	0.003
FU #2	0.192	0.188 **	0.192 **	0.156 **	0.170 **	-0.031 **	0.015 **	0.013 *	0.003
FU #3	0.046	0.046	0.048	0.043	0.041	-0.008	0.006	-0.004	0.006
FU #4	-0.098	-0.093 **	-0.092 *	-0.070	-0.082 *	0.015	-0.007	-0.013	0.004
FU #5	-0.239	-0.231 **	-0.232 **	-0.186 **	-0.205 **	0.040 **	-0.010	-0.022 *	-0.008
FU #6	-0.367	-0.358 **	-0.362 **	-0.294 **	-0.318 **	0.060 **	-0.021 *	-0.029 **	-0.010
FU #7	-0.466	-0.454 **	-0.460 **	-0.374 **	-0.402 **	0.082 **	-0.027 **	-0.039 **	-0.017
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.019	0.019	0.019	0.015	0.016	-0.005	0.001	0.001	0.004
TWO YEARS AFTER HIGH SCHOOL	-0.021	-0.021	-0.021	-0.016	-0.018	0.006	-0.001	-0.001	-0.004
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.256		-0.026		-0.048	0.004	-0.004	-0.026 **	0.026 *
PART-TIME STUDENT	-0.038		-0.026		-0.022	-0.004	-0.005	-0.001	0.010
NOT A STUDENT	-0.108		0.015		0.025	-0.001	0.002	0.012 **	-0.013 *
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.092		0.001		0.009	-0.005	0.000	0.004	0.001
MILITARY SERVICE	-0.332		-0.353 **		-0.369 **	0.082 **	-0.061 **	-0.103 **	0.081 **
PART-TIME JOB	0.207		0.043		0.042	-0.009	0.006	0.003	-0.061
HOMEMAKER	-0.049		-0.034		0.000	-0.001	0.009	0.009	-0.016
NONSTUDENT, NOT EMPLOYED	-0.018		0.027		0.019	0.008	0.012	0.038 *	-0.058 **
OTHER	0.258		0.061		0.037	-0.002	0.009	0.006	-0.012
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.283			-0.120 **	-0.108 **	0.024 **	-0.029 **	-0.038 **	0.043 **
PARTNER	-0.052			0.061	0.050	0.018	0.036 **	0.104 **	-0.158 **
PARENT(S)	0.072			0.010	-0.016	-0.014 *	-0.014 **	-0.018 **	0.045 **
DORM	0.381			0.092	0.085	-0.020	0.031 **	-0.005	-0.006
LIVE ALONE	-0.002			0.051	0.061	-0.008	0.012	0.010	-0.014
OTHER	0.161			0.077 *	0.104 **	-0.006	0.033 **	0.046 **	-0.074 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.074			-0.128 *	-0.125 *	0.014	-0.029 **	-0.061 **	0.076 **
NOT ENGAGED	0.005			0.010 *	0.009 *	-0.001	0.002 **	0.005 **	-0.006 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.228			-0.037	-0.040	0.013	-0.008	0.007	-0.016
NO	0.010			0.002	0.002	-0.001	0.000	0.000	0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.356			-0.046	-0.045	0.008	-0.004	-0.005	0.000
SINGLE PARENT	-0.226			-0.140	-0.142	0.043 **	0.002	0.028	-0.073 **
NOT A PARENT	0.082			0.016	0.016	-0.004	0.001	-0.001	0.004

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0167	0.0178	0.0191	0.0192	0.0211	0.0364 **	0.0117	0.0399 **	0.0586 **
SET#2 REGION	0.0321	0.0227	0.0231	0.0265 *	0.0259 *	0.0301 *	0.0150	0.0240	0.0469 **
HIGH SCHOOL GRADES	0.0948	0.0671 **	0.0666 **	0.0639 **	0.0640 **	-0.0962 **	-0.0240 *	-0.1044 **	0.1579 **
R WILL ATTEND 4YR COLLEGE	0.0993	0.0743 **	0.0724 **	0.0638 **	0.0647 **	-0.0229 *	0.0321 **	-0.0362 **	0.0242 *
URBANICITY	-0.0215	-0.0408 **	-0.0406 **	-0.0452 **	-0.0438 **	0.0602 **	0.0096	0.0644 **	-0.0952 **
SET#3 FOLLOW-UP NUMBER	0.1499	0.1455 **	0.1464 **	0.1178 **	0.1288 **	0.1137 **	0.0465 **	0.0648 **	0.0141
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0129	0.0130	0.0128	0.0099	0.0111	0.0157	0.0022	0.0018	0.0088
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1031		0.0127		0.0211	0.0072	0.0110	0.0472 **	0.0356 *
SET#6 WORK STATUS AT FOLLOW-UP	0.1065		0.0542 **		0.0551 **	0.0554 **	0.0531 **	0.0708 **	0.0469 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1291			0.0509 **	0.0515 **	0.0484 *	0.0943 **	0.1146 **	0.1277 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0129			0.0224 *	0.0218 *	0.0106	0.0287 **	0.0476 **	0.0432 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0307			0.0050	0.0054	0.0077	0.0065	0.0044	0.0070
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1072			0.0233	0.0233	0.0279 *	0.0058	0.0170	0.0308 **

Section C: Explained Variance

	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr	0.0376 **	0.0403 **	0.0407 **	0.0435 **	0.0444 **	0.0192 **	0.0415 **	0.0608 **
R Sqr, adjusted	0.0364	0.0386	0.0388	0.0411	0.0419	0.0167	0.0390	0.0584

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.8 in Bachman et al. (1997) and Table 5.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day marijuana use measure reduce the variable subgroup weighted Ns proportionately, see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.4: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Marijuana Use (continued)

Men

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.040	0.040	0.040	0.040	0.040	0.091	0.098	0.155	0.655
SET#1 RACE									
WHITE	0.003	-0.001	-0.003	-0.003	-0.004	0.005 **	0.001	0.009 **	-0.015 **
BLACK	0.038	0.065	0.078	0.063	0.078	-0.023 *	0.015	-0.036 **	0.043 **
OTHER	-0.053	-0.037	-0.036	-0.023	-0.021	-0.021 **	-0.019 *	-0.049 **	0.088 **
SET#2 REGION									
NORTHEAST	-0.017	-0.016	-0.020	-0.027	-0.025	0.008	0.014 **	0.025 **	-0.047 **
NORTH CENTRAL	0.028	0.036	0.034	0.033	0.031	-0.003	0.001	0.002	0.000
SOUTH	-0.006	-0.012	-0.009	-0.002	0.000	-0.001	-0.006	-0.019 **	0.026 **
WEST	-0.019	-0.023	-0.020	-0.021	-0.023	-0.003	-0.009	-0.003	0.014
HIGH SCHOOL GRADES/D=1 (Mean=5.727)	0.051	0.028 **	0.023 **	0.023 **	0.020 **	-0.014 **	-0.005 **	-0.019 **	0.038 **
R WILL ATTEND 4YR COLLEGE (Mean=2.910)	0.116	0.102 **	0.079 **	0.079 **	0.068 **	-0.003	0.012 **	-0.014 **	0.004
URBANICITY (Mean=3.766)	0.004	-0.020	-0.022	-0.023	-0.022	0.011 **	0.004	0.027 **	-0.041 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.020	0.018	0.011	0.007	0.011	-0.004	-0.003	0.009 **	-0.001
FU #2	-0.023	-0.021	-0.014	-0.008	-0.013	0.005	0.004	-0.011 **	0.001
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.116		0.024		0.004	-0.002	0.000	-0.023 **	0.025 **
PART-TIME STUDENT	-0.050		-0.014		0.005	-0.007	0.004	0.016	-0.013
NOT A STUDENT	-0.128		-0.026		-0.005	0.004	-0.001	0.024 **	-0.027 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.073		-0.003		0.019	-0.006	0.003	0.006	-0.004
MILITARY SERVICE	-0.406		-0.348 **		-0.413 **	0.072 **	-0.066 **	-0.119 **	0.113 **
PART-TIME JOB	0.071		0.022		0.032	-0.011 *	0.001	0.003	0.007
HOMEMAKER	-0.087		-0.083		-0.070	0.026	-0.015	-0.015	0.004
NONSTUDENT, NOT EMPLOYED	-0.089		0.002		0.007	0.004	0.009	0.023	-0.036
OTHER	0.137		0.059 *		0.032	0.001	0.008	0.010	-0.019 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.293			-0.209 **	-0.172 **	0.024	-0.040 **	-0.055 **	0.072 **
PARTNER	-0.006			0.059	0.051	0.009	0.030 *	0.106 **	-0.146 **
PARENT(S)	-0.061			-0.035 *	-0.062 **	-0.001	-0.021 **	-0.024 **	0.045 **
DORM	0.195			0.099 **	0.077 *	-0.015 *	0.022 **	-0.003	-0.004
LIVE ALONE	-0.005			0.012	0.055	0.010	0.022	0.021	-0.052 *
OTHER	0.084			0.056 *	0.108 **	0.001	0.030 **	0.045 **	-0.076 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.141			-0.123 **	-0.114 *	0.013	-0.022 *	-0.061 **	0.069 **
NOT ENGAGED	0.011			0.010 **	0.009 *	-0.001	0.002 *	0.005 **	-0.005 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.159			0.066	0.069	0.008	0.012	0.020	-0.040
NO	0.003			-0.001	-0.001	0.000	0.000	0.000	0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.375			-0.121	-0.129	0.042 *	-0.002	0.013	-0.053
SINGLE PARENT	-0.128			-0.087	-0.083	0.032	0.007	0.024	-0.062 *
NOT A PARENT	0.016			0.006	0.007	-0.002 **	0.000	-0.001	0.003 **

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Marijuana Use			
		BKGD	BKGD + STUD /WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0144	0.0153	0.0174	0.0135	0.0162	0.0343 **	0.0245 *	0.0553 **	0.0699 **
SET#2 REGION	0.0139	0.0174	0.0168	0.0174	0.0164	0.0142	0.0278 *	0.0442 **	0.0568 **
HIGH SCHOOL GRADES	0.0701	0.0392 **	0.0317 **	0.0314 **	0.0273 **	-0.0916 **	-0.0337 **	-0.0988 **	0.1515 **
R WILL ATTEND 4YR COLLEGE	0.0942	0.0827 **	0.0641 **	0.0642 **	0.0549 **	-0.0118	0.0464 **	-0.0429 **	0.0102
URBANICITY	0.0028	-0.0151	-0.0167	-0.0179	-0.0171	0.0403 **	0.0142	0.0776 **	-0.0924 **
SET#3 FOLLOW-UP NUMBER	0.0154	0.0141	0.0089	0.0053	0.0088	0.0167	0.0124	0.0267 **	0.0025
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0845		0.0175		0.0032	0.0124	0.0051	0.0640 **	0.0530 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0970		0.0645 **		0.0739 **	0.0642 **	0.0554 **	0.0823 **	0.0633 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0913			0.0573 **	0.0634 **	0.0326	0.0856 **	0.1054 **	0.1269 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0282			0.0245 **	0.0228 *	0.0128	0.0202 *	0.0467 **	0.0405 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0154			0.0064	0.0067	0.0038	0.0053	0.0075	0.0114
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0521			0.0191	0.0197	0.0325 **	0.0038	0.0123	0.0294 *

Section C: Explained Variance

R Sqr	0.0112 **	0.0159 **	0.0153 **	0.0202 **	0.0234 **	0.0161 **	0.0418 **	0.0574 **
R Sqr adjusted	0.0104	0.0145	0.0138	0.0181	0.0213	0.0140	0.0398	0.0555

NOTES * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.8 in Bachman et al. (1997) and Table 5.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day marijuana use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

Table 4.5: Regression Analyses Linking Post-High School Experiences to Changes in 12-Month Marijuana Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Marijuana Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.330	-0.330	-0.330	-0.330	-0.330	0.182	0.086	0.183	0.549
SET#1 RACE									
WHITE	-0.030	-0.033 **	-0.033 **	-0.036 **	-0.036 **	0.010 **	0.003 *	0.013 **	-0.025 **
BLACK	0.231	0.261 **	0.259 **	0.268 **	0.268 **	-0.063 **	-0.011	-0.065 **	0.139 **
OTHER	0.036	0.040	0.042	0.055	0.055	-0.027 **	-0.014	-0.056 **	0.097 **
SET#2 REGION									
NORTHEAST	-0.163	-0.119 **	-0.123 **	-0.140 **	-0.141 **	0.028 **	0.004	0.034 **	-0.065 **
NORTH CENTRAL	-0.011	0.024	0.023	0.020	0.021	0.003	-0.001	-0.007	0.004
SOUTH	0.117	0.049 *	0.050 *	0.066 **	0.065 **	-0.023 **	-0.001	-0.028 **	0.052 **
WEST	0.035	0.033	0.038	0.038	0.039	-0.004	-0.002	0.017 *	-0.011
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.105	0.096 **	0.094 **	0.091 **	0.092 **	-0.024 **	0.001	-0.025 **	0.049 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.130	0.066 **	0.057 **	0.027 *	0.032 *	-0.001	0.003	-0.016 **	0.013 **
URBANICITY (Mean=3.761)	-0.053	-0.060 **	-0.061 **	-0.068 **	-0.068 **	0.018 **	0.000	0.024 **	-0.042 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.388	0.378 **	0.352 **	0.268 **	0.273 **	-0.060 **	0.005	0.059 **	-0.005
FU #2	0.249	0.246 **	0.233 **	0.187 **	0.190 **	-0.031 **	0.021 **	0.020 **	-0.010
FU #3	0.050	0.051	0.059	0.054	0.051	0.000	0.012 *	-0.008	-0.003
FU #4	-0.170	-0.165 **	-0.151 **	-0.113 **	-0.116 **	0.025 **	-0.005	-0.023 **	0.003
FU #5	-0.361	-0.357 **	-0.338 **	-0.267 **	-0.271 **	0.049 **	-0.020 **	-0.039 **	0.010
FU #6	-0.511	-0.500 **	-0.479 **	-0.376 **	-0.378 **	0.067 **	-0.027 **	-0.057 **	0.016
FU #7	-0.654	-0.643 **	-0.620 **	-0.496 **	-0.499 **	0.088 **	-0.033 **	-0.066 **	0.011
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.022	0.022	0.020	0.011	0.011	-0.006	-0.001	0.006	0.001
TWO YEARS AFTER HIGH SCHOOL	-0.024	-0.024	-0.022	-0.012	-0.012	0.006	0.001	-0.006	-0.001
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.382		0.067		-0.033	0.006	0.001	-0.018 *	0.012
PART-TIME STUDENT	-0.092		-0.080		-0.085	0.011	-0.002	0.010	-0.019
NOT A STUDENT	-0.144		-0.016		0.026	-0.004	0.000	0.006	-0.002
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.090		0.022		-0.014	0.005	-0.001	0.001	-0.005
MILITARY SERVICE	-0.122		-0.198		-0.242	0.039	-0.059 *	-0.107 **	0.128 **
PART-TIME JOB	0.147		-0.025		0.002	-0.005	-0.001	-0.003	0.009
HOMEMAKER	-0.367		-0.145 **		0.033	-0.010	-0.001	-0.018	0.028
NONSTUDENT, NOT EMPLOYED	-0.035		0.058		0.090	-0.017	0.012	0.011	-0.006
OTHER	0.327		0.021		0.009	-0.002	0.005	0.010	-0.013
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.367			-0.185 **	-0.191 **	0.037 **	-0.038 **	-0.045 **	0.046 **
PARTNER	0.048			0.152 **	0.147 **	-0.004	0.044 **	0.141 **	-0.180 **
PARENT(S)	0.143			0.018	0.019	-0.024 **	-0.005	-0.024 **	0.052 **
DORM	0.596			0.206 **	0.218 **	-0.040 **	0.042 **	-0.002	-0.001
LIVE ALONE	0.047			0.059	0.061	-0.009	0.015	0.029 *	-0.035 *
OTHER	0.253			0.192 **	0.200 **	-0.019 *	0.046 **	0.063 **	-0.090 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	0.009			-0.176 **	-0.175 **	0.033 **	-0.032 **	-0.057 **	0.057 **
NOT ENGAGED	-0.001			0.017 **	0.017 **	-0.003 **	0.003 **	0.006 **	-0.005 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.301			-0.084	-0.093	0.011	-0.006	-0.019	0.008
NO	0.018			0.005	0.006	-0.001	0.000	0.001	-0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.507			-0.116 **	-0.132 **	0.036 **	-0.008	-0.014 *	-0.015
SINGLE PARENT-	-0.259			-0.277 **	-0.292 **	0.060 **	-0.017	-0.010	-0.023
NOT A PARENT	0.165			0.056 **	0.062 **	-0.015 **	0.004 *	0.005	0.006

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Marijuana Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0419	0.0473 **	0.0470 **	0.0492 **	0.0492 **	0.0585 **	0.0207 *	0.0724 **	0.1118 **
SET#2 REGION	0.0564	0.0363 **	0.0374 **	0.0432 **	0.0435 **	0.0474 **	0.0077	0.0608 **	0.0855 **
HIGH SCHOOL GRADES	0.1055	0.0968 **	0.0942 **	0.0915 **	0.0928 **	-0.1147 **	0.0036	-0.1177 **	0.1762 **
R WILL ATTEND 4YR COLLEGE	0.0855	0.0431 **	0.0371 **	0.0177 *	0.0211 *	-0.0015	0.0117	-0.0480 **	0.0314 **
URBANICITY	-0.0307	-0.0348 **	-0.0353 **	-0.0396 **	-0.0390 **	0.0478 **	0.0010	0.0657 **	-0.0886 **
SET#3 FOLLOW-UP NUMBER	0.1884	0.1848 **	0.1752 **	0.1374 **	0.1390 **	0.1236 **	0.0606 **	0.1076 **	0.0166
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0125	0.0128	0.0114	0.0064	0.0065	0.0148	0.0042	0.0150	0.0023
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1266		0.0244		0.0207	0.0141	0.0028	0.0279	0.0171
SET#6 WORK STATUS AT FOLLOW-UP	0.1015		0.0271 *		0.0173	0.0184	0.0210	0.0286 *	0.0299 *
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1668			0.0842 **	0.0870 **	0.0749 **	0.1200 **	0.1437 **	0.1468 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0015			0.0298 **	0.0298 **	0.0264 **	0.0353 **	0.0458 **	0.0351 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0403			0.0112	0.0124	0.0069	0.0047	0.0119	0.0039
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1532			0.0549 **	0.0598 **	0.0624 **	0.0231	0.0203	0.0204

Section C: Explained Variance

		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr		0.0538 **	0.0550 **	0.0632 **	0.0639 **	0.0650 **	0.0264 **	0.0661 **	0.0843 **
R Sqr, adjusted		0.0529	0.0536	0.0617	0.0619	0.0630	0.0244	0.0641	0.0824

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.9 in Bachman et al. (1997) and Table 5.4 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the annual marijuana use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.5: Regression Analyses Linking Post-High School Experiences to Changes in 12-Month Marijuana Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Marijuana Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	-0.214	-0.214	-0.214	-0.214	-0.214	0.171	0.095	0.252	0.482
SET#1 RACE									
WHITE	-0.018	-0.018 *	-0.019 *	-0.019 *	-0.021 **	0.004 **	-0.001	0.011 **	-0.014 **
BLACK	0.083	0.110	0.128	0.105	0.128	-0.014	0.017	-0.061 **	0.057 **
OTHER	0.110	0.092	0.087	0.104	0.105	-0.032 **	-0.001	-0.057 **	0.090 **
SET#2 REGION									
NORTHEAST	-0.081	-0.046	-0.048	-0.070 *	-0.067 *	0.021 **	0.011 *	0.022 **	-0.054 **
NORTH CENTRAL	0.008	0.033	0.031	0.037	0.034	-0.002	0.003	0.002	-0.002
SOUTH	0.043	0.011	0.015	0.028	0.029	-0.013 *	-0.011 *	-0.018 **	0.042 **
WEST	0.020	-0.020	-0.019	-0.025	-0.025	-0.002	-0.002	0.000	0.004
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	0.103	0.078 **	0.076 **	0.072 **	0.072 **	-0.015 **	0.001	-0.030 **	0.043 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	0.167	0.115 **	0.105 **	0.083 **	0.083 **	0.004	0.008 **	-0.005	-0.007
URBANICITY (Mean=3.745)	-0.043	-0.081 **	-0.081 **	-0.096 **	-0.092 **	0.013 **	-0.005	0.034 **	-0.042 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.363	0.353 **	0.333 **	0.225 **	0.261 **	-0.046 **	0.001	0.043 **	0.003
FU #2	0.324	0.319 **	0.318 **	0.239 **	0.261 **	-0.035 **	0.019 **	0.017 *	-0.001
FU #3	0.077	0.077	0.084 *	0.071	0.067	-0.006	0.013 *	-0.003	-0.004
FU #4	-0.148	-0.143 **	-0.131 **	-0.083	-0.101 *	0.019 *	-0.002	-0.015	-0.002
FU #5	-0.389	-0.381 **	-0.370 **	-0.267 **	-0.297 **	0.044 **	-0.015	-0.031 **	0.001
FU #6	-0.595	-0.585 **	-0.578 **	-0.425 **	-0.464 **	0.069 **	-0.027 **	-0.043 **	0.001
FU #7	-0.754	-0.740 **	-0.736 **	-0.544 **	-0.591 **	0.084 **	-0.028 **	-0.059 **	0.003
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.037	0.038 *	0.036 *	0.026	0.029	-0.007 *	0.001	0.000	0.006
TWO YEARS AFTER HIGH SCHOOL	-0.041	-0.042 *	-0.040 *	-0.029	-0.033	0.008 *	-0.001	0.000	-0.007
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.405		-0.022		-0.074	0.005	0.002	-0.024 *	0.017
PART-TIME STUDENT	-0.081		-0.052		-0.045	-0.003	0.003	-0.007	0.006
NOT A STUDENT	-0.168		0.017		0.039	-0.002	-0.002	0.012 **	-0.008
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.147		-0.007		0.012	-0.004	-0.001	0.006	-0.001
MILITARY SERVICE	-0.639		-0.678 **		-0.697 **	0.130 **	-0.046 **	-0.149 **	0.065 **
PART-TIME JOB	0.337		0.093		0.088	-0.014	0.012	-0.002	0.003
HOMEMAKER	-0.119		-0.105		-0.038	0.003	-0.019	0.023	-0.007
NONSTUDENT, NOT EMPLOYED	0.054		0.103		0.074	-0.007	0.009	0.052 **	-0.053 *
OTHER	0.417		0.125 *		0.071	-0.013	0.005	0.013	-0.005
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.533			-0.306 **	-0.279 **	0.053 **	-0.035 **	-0.056 **	0.039 **
PARTNER	-0.010			0.147 *	0.128	-0.003	0.026 *	0.142 **	-0.165 **
PARENT(S)	0.141			0.045	-0.006	-0.014 *	-0.004	-0.035 **	0.052 **
DORM	0.630			0.256 **	0.231 **	-0.047 **	0.025 *	0.007	0.014
LIVE ALONE	-0.005			0.072	0.094	-0.011	0.011	0.021	-0.021
OTHER	0.302			0.188 **	0.237 **	-0.030 **	0.034 **	0.078 **	-0.082 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.068			-0.205 **	-0.196 **	0.037 **	-0.015	-0.076 **	0.054 **
NOT ENGAGED	0.005			0.015 **	0.015 **	-0.003 **	0.001	0.006 **	-0.004 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.397			-0.027	-0.031	-0.003	-0.007	0.014	-0.010
NO	0.017			0.001	0.001	0.000	0.000	-0.001	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.645			-0.087	-0.084	0.031 **	-0.005	-0.015	-0.011
SINGLE PARENT	-0.272			-0.209 *	-0.214 *	0.049 **	-0.006	0.050 *	-0.092 **
NOT A PARENT	0.142			0.028 *	0.027 *	-0.009 **	0.001	0.001	0.007 *

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Marijuana Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0209	0.0212	0.0226 *	0.0222	0.0245 *	0.0289 **	0.0155	0.0579 **	0.0661 **
SET#2 REGION	0.0227	0.0150	0.0152	0.0216	0.0206	0.0330 **	0.0277 *	0.0333 **	0.0694 **
HIGH SCHOOL GRADES	0.0974	0.0737 **	0.0720 **	0.0686 **	0.0683 **	-0.0755 **	0.0057	-0.1306 **	0.1667 **
R WILL ATTEND 4YR COLLEGE	0.0942	0.0650 **	0.0594 **	0.0471 **	0.0472 **	0.0122	0.0298 **	-0.0129	-0.0156
URBANICITY	-0.0230	-0.0434 **	-0.0434 **	-0.0514 **	-0.0494 **	0.0362 **	-0.0171	0.0849 **	-0.0909 **
SET#3 FOLLOW-UP NUMBER	0.1855	0.1818 **	0.1780 **	0.1289 **	0.1425 **	0.1154 **	0.0525 **	0.0733 **	0.0052
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0192	0.0198 *	0.0189 *	0.0138	0.0153	0.0202 *	0.0045	0.0009	0.0133
SET#5 STUDENT STATUS AT FOLLOW-UP	0.1251		0.0119		0.0255	0.0078	0.0067	0.0363 *	0.0227
SET#6 WORK STATUS AT FOLLOW-UP	0.1379		0.0816 **		0.0806 **	0.0799 **	0.0395 **	0.0825 **	0.0373 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.1805			0.0991 **	0.0967 **	0.0911 **	0.0881 **	0.1400 **	0.1313 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0091			0.0275 **	0.0263 **	0.0265 **	0.0134	0.0477 **	0.0295 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0411			0.0028	0.0032	0.0014	0.0047	0.0065	0.0040
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.1448			0.0293 *	0.0293 *	0.0460 **	0.0083	0.0263 *	0.0395 **

Section C: Explained Variance

	BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr	0.0491 **	0.0554 **	0.0583 **	0.0643 **	0.0583 **	0.0209 **	0.0591 **	0.0640 **
R Sqr, adjusted	0.0479	0.0537	0.0565	0.0618	0.0558	0.0184	0.0566	0.0616

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.9 in Bachman et al. (1997) and Table 5.4 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the annual marijuana use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

Table 4.6: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cocaine Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.009	0.009	0.009	0.009	0.009	0.022	0.027	0.006	0.945
SET#1 RACE									
WHITE	-0.001	-0.002	-0.002	-0.002	-0.002	0.002 **	0.001	0.001 **	-0.004 **
BLACK	0.017	0.020	0.020	0.017	0.017	-0.015 **	-0.005	-0.005 *	0.024 **
OTHER	-0.005	-0.002	-0.002	-0.001	-0.001	-0.003	-0.006	-0.004 *	0.013 *
SET#2 REGION									
NORTHEAST	0.008	0.009	0.009	0.007	0.007	0.007 **	0.009 **	0.002	-0.017 **
NORTH CENTRAL	0.005	0.006	0.006	0.006	0.006	-0.008 **	-0.004	-0.003 **	0.015 **
SOUTH	-0.001	-0.004	-0.004	-0.002	-0.002	-0.005 *	-0.006 **	-0.001	0.012 **
WEST	-0.018	-0.017	-0.016	-0.017 *	-0.017 *	0.015 **	0.007 *	0.005 **	-0.027 **
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.002	0.003	0.004	0.003	0.004	-0.005 **	-0.003 **	-0.001 **	0.009 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.001	-0.002	-0.001	-0.005	-0.003	-0.003 *	-0.004 **	-0.001	0.008 **
URBANICITY (Mean=3.761)	0.000	0.000	0.000	-0.001	-0.001	0.006 **	0.004 **	0.002 **	-0.012 **
SET#3 FOLLOW-UP NUMBER									
FU #1	0.005	0.006	0.009	-0.001	0.004	-0.005 *	-0.001	0.003 *	0.004
FU #2	0.013	0.013	0.015	0.008	0.010	-0.003	0.004	0.002	-0.003
FU #3	0.014	0.014	0.013	0.012	0.010	0.001	0.007 *	0.000	-0.007
FU #4	-0.001	-0.001	-0.003	0.003	0.000	0.003	0.001	-0.001	-0.003
FU #5	-0.018	-0.019	-0.021 *	-0.012	-0.016	0.005	-0.004	-0.002	0.001
FU #6	-0.023	-0.024 *	-0.026 *	-0.013	-0.016	0.005	-0.008	-0.004	0.007
FU #7	-0.031	-0.032 *	-0.034 *	-0.019	-0.022	0.005	-0.009	-0.005	0.009
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	0.003	0.004	0.004	0.003	0.003	-0.002	0.001	0.000	0.001
TWO YEARS AFTER HIGH SCHOOL	-0.004	-0.004	-0.004	-0.003	-0.004	0.002	-0.001	0.000	-0.001
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.004		-0.004		-0.014	0.000	-0.007 *	-0.002	0.009
PART-TIME STUDENT	-0.012		-0.012		-0.013	0.005	0.000	0.000	-0.005
NOT A STUDENT	0.000		0.003		0.008	-0.001	0.003 *	0.001	-0.003
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.003		0.005		0.000	0.000	0.001	0.000	0.000
MILITARY SERVICE	-0.030		-0.034		-0.040	0.005	-0.023	-0.004	0.022
PART-TIME JOB	-0.003		-0.006		-0.003	0.001	0.000	0.000	-0.001
HOMEMAKER	-0.022		-0.015		0.006	-0.005	-0.001	-0.001	0.007
NONSTUDENT, NOT EMPLOYED	0.015		0.014		0.016	-0.002	0.004	0.001	-0.003
OTHER	0.003		-0.003		-0.003	0.001	-0.001	0.001	-0.001
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.028			-0.022 **	-0.025 **	-0.001	-0.015 **	-0.002	0.019 **
PARTNER	0.034			0.044 **	0.043 **	0.016 **	0.038 **	0.008 **	-0.061 **
PARENT(S)	0.006			0.001	0.001	-0.003	-0.003	0.000	0.007
DORM	0.007			-0.002	0.008	-0.003	0.002	-0.003	0.004
LIVE ALONE	0.018			0.014	0.013	0.000	0.009	0.002	-0.011
OTHER	0.027			0.023 *	0.026 **	0.002	0.018 **	0.002	-0.022 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.015			-0.040 **	-0.041 **	0.001	-0.021 **	-0.004	0.024 **
NOT ENGAGED	0.001			0.004 **	0.004 **	0.000	0.002 **	0.000	-0.002 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.034			-0.017	-0.019	-0.002	-0.012 *	-0.004	0.016 *
NO	0.002			0.001	0.001	0.000	0.001 *	0.000	-0.001 *
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.037			-0.014	-0.015	0.002	-0.004	-0.001	0.002
SINGLE PARENT	0.009			-0.011	-0.014	0.002	-0.008	-0.004	0.010
NOT A PARENT	0.010			0.005	0.006	-0.001	0.002	0.001	-0.002

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0121	0.0139	0.0138	0.0122	0.0123	0.0335 **	0.0152	0.0266 **	0.0397 **
SET#2 REGION	0.0184	0.0195	0.0193	0.0186	0.0183	0.0592 **	0.0398 **	0.0367 **	0.0760 **
HIGH SCHOOL GRADES	0.0092	0.0135	0.0143	0.0135	0.0154	-0.0576 **	-0.0318 **	-0.0331 **	0.0707 **
R WILL ATTEND 4YR COLLEGE	0.0012	-0.0052	-0.0022	-0.0141	-0.0080	-0.0227 *	-0.0293 **	-0.0147	0.0404 **
URBANICITY	0.0003	-0.0008	-0.0006	-0.0023	-0.0019	0.0413 **	0.0286 **	0.0291 **	-0.0568 **
SET#3 FOLLOW-UP NUMBER	0.0324	0.0332 *	0.0364 **	0.0212	0.0243	0.0271	0.0302 *	0.0312	0.0212
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0077	0.0083	0.0089	0.0067	0.0073	0.0108	0.0049	0.0020	0.0041
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0092		0.0107		0.0226	0.0113	0.0267	0.0130	0.0226
SET#6 WORK STATUS AT FOLLOW-UP	0.0173		0.0165		0.0120	0.0114	0.0137	0.0090	0.0122
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0501			0.0453 **	0.0488 **	0.0340 **	0.0971 **	0.0373 *	0.0996 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0101			0.0274 **	0.0280 **	0.0010	0.0392 **	0.0161	0.0328 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0180			0.0091	0.0103	0.0029	0.0183 *	0.0110	0.0174 *
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0422			0.0174	0.0202	0.0087	0.0196	0.0134	0.0137

Section C: Explained Variance

R Sqr		0.0018 *	0.0022	0.0046 **	0.0051 **	0.0108 **	0.0168 **	0.0088 **	0.0327 **
R Sqr, adjusted		0.0008	0.0007	0.0030	0.0031	0.0091	0.0151	0.0072	0.0311

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.10 in Bachman et al. (1997) and Table 6.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.6: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cocaine Use (continued)

Women

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD /WORK	BKGD + LIV. ARR.	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.018	0.018	0.018	0.018	0.018	0.017	0.028	0.008	0.946
SET#1 RACE									
WHITE	0.002	0.002	0.002	0.001	0.001	0.001 *	0.002 **	0.001 **	-0.005 **
BLACK	-0.001	0.002	0.002	0.006	0.005	-0.011 **	-0.006	-0.006 *	0.022 **
OTHER	-0.017	-0.016	-0.016	-0.014	-0.014	-0.001	-0.010 *	-0.006 *	0.017 **
SET#2 REGION									
NORTHEAST	0.016	0.015 *	0.015 *	0.014 *	0.014 *	0.005 **	0.011 **	0.003 *	-0.019 **
NORTH CENTRAL	0.001	0.001	0.001	0.000	0.000	-0.006 **	-0.005 **	-0.005 **	0.016 **
SOUTH	-0.008	-0.007	-0.007	-0.005	-0.005	-0.003 *	-0.008 **	-0.002	0.013 **
WEST	-0.010	-0.008	-0.007	-0.009	-0.009	0.010 **	0.009 **	0.008 **	-0.027 **
HIGH SCHOOL GRADES/D=1 (Mean=6.241)	0.001	0.001	0.001	0.001	0.001	-0.003 **	-0.003 **	-0.002 **	0.008 **
R WILL ATTEND 4YR COLLEGE (Mean=2.905)	0.000	-0.001	0.000	-0.005	-0.002	-0.003 *	-0.003 *	-0.001	0.007 **
URBANICITY (Mean=3.796)	0.003	0.002	0.003	0.002	0.002	0.004 **	0.005 **	0.003 **	-0.013 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.004	-0.003	-0.003	-0.004	-0.003	-0.001	-0.002	0.001	0.002
FU #2	0.004	0.004	0.004	0.004	0.004	0.001	0.003	-0.001	-0.003
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.000		-0.002		-0.008	-0.002	-0.007 **	-0.001	0.010 **
PART-TIME STUDENT	-0.014		-0.012		-0.011	0.005	0.003	0.001	-0.008
NOT A STUDENT	0.003		0.005		0.012	0.002	0.008 **	0.001	-0.011 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.002		0.000		-0.003	0.001	0.000	0.000	-0.001
MILITARY SERVICE	-0.042		-0.043		-0.057	0.008	-0.031	-0.007	0.029
PART-TIME JOB	-0.001		0.000		0.001	0.000	0.001	0.000	-0.001
HOMEMAKER	-0.019		-0.019		0.008	-0.004	0.001	-0.003	0.006
NONSTUDENT, NOT EMPLOYED	0.004		0.002		0.007	-0.004	0.000	0.002	0.002
OTHER	0.002		0.003		0.002	0.000	0.000	0.001	0.000
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.028			-0.026 *	-0.031 **	-0.004	-0.023 **	-0.004	-0.031 **
PARTNER	0.013			0.025	0.023	0.018 **	0.030 **	0.009 **	-0.057 **
PARENT(S)	-0.004			-0.006	-0.006	-0.003 *	-0.006 **	0.000	0.009 **
DORM	-0.002			-0.004	-0.001	-0.001	0.000	-0.002	0.003
LIVE ALONE	0.051			0.048 *	0.048 *	-0.002	0.022 **	0.003	-0.023 *
OTHER	0.023			0.021 *	0.023 **	0.004	0.020 **	0.002	-0.026 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.025			-0.033 **	-0.034 **	-0.001	-0.019 **	-0.005 *	0.024 **
NOT ENGAGED	0.003			0.004 **	0.004 **	0.000	0.002 **	0.001 *	-0.003 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.039			-0.023	-0.026	-0.001	-0.013	-0.005	0.018
NO	0.002			0.001	0.001	0.000	0.001	0.000	-0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.038			-0.017	-0.021	0.005	-0.003	-0.002	0.000
SINGLE PARENT	-0.022			-0.028	-0.033	0.003	-0.012	-0.003	0.013
NOT A PARENT	0.003			0.002	0.003 *	0.000	0.001	0.000	-0.001

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
		BKGD	BKGD + STUD /WORK	BKGD + LIV. ARR.	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0133	0.0121	0.0120	0.0108	0.0109	0.0271 **	0.0250 *	0.0312 **	0.0430 **
SET#2 REGION	0.0220	0.0204	0.0200	0.0190	0.0189	0.0462 **	0.0499 **	0.0499 **	0.0809 **
HIGH SCHOOL GRADES	0.0038	0.0046	0.0049	0.0033	0.0055	-0.0448 **	-0.0339 **	-0.0382 **	0.0660 **
R WILL ATTEND 4YR COLLEGE	0.0004	-0.0019	0.0007	-0.0120	-0.0046	-0.0241 *	-0.0224 *	-0.0165	0.0370 **
URBANICITY	0.0073	0.0056	0.0058	0.0048	0.0055	0.0351 **	0.0325 **	0.0351 **	-0.0583 **
SET#3 FOLLOW-UP NUMBER	0.0087	0.0083	0.0079	0.0087	0.0077	0.0067	0.0138	0.0072	0.0111
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0103		0.0119		0.0239	0.0178	0.0420 **	0.0129	0.0451 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0128		0.0127		0.0132	0.0111	0.0164	0.0106	0.0126
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0392			0.0392 **	0.0421 **	0.0426 **	0.0911 **	0.0345 *	0.1013 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0205			0.0270 **	0.0275 **	0.0028	0.0395 **	0.0181 *	0.0380 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0176			0.0102	0.0117	0.0019	0.0148	0.0116	0.0155
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0244			0.0163	0.0201	0.0103	0.0157	0.0090	0.0115

Section C: Explained Variance

R Sqr	0.0007	0.0010	0.0033 **	0.0037 **	0.0108 **	0.0168 **	0.0088 **	0.0327 **
R Sqr., adjusted	0.0001	-0.0001	0.0021	0.0021	0.0091	0.0151	0.0072	0.0311

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.10 in Bachman et al. (1997) and Table 6.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.6: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cocaine Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.025	0.025	0.025	0.025	0.025	0.030	0.046	0.010	0.914
SET#1 RACE									
WHITE	-0.002	-0.002	-0.002	-0.002	-0.002	0.002 **	0.001	0.001	-0.004 **
BLACK	0.038	0.036	0.037	0.032	0.033	-0.019 **	-0.002	-0.005	0.026 **
OTHER	-0.010	-0.009	-0.009	-0.008	-0.007	-0.004	-0.010	-0.001	0.015
SET#2 REGION									
NORTHEAST	0.014	0.015	0.014	0.012	0.012	0.007 *	0.010 **	0.003	-0.019 **
NORTH CENTRAL	-0.007	-0.005	-0.005	-0.005	-0.005	-0.008 **	-0.006 *	-0.004 **	0.017 **
SOUTH	0.003	0.000	0.000	0.002	0.002	-0.005	-0.004	-0.003	0.012 **
WEST	-0.012	-0.010	-0.010	-0.012	-0.011	0.014 **	0.006	0.008 **	-0.027 **
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	0.001	0.000	0.001	0.000	0.000	-0.006 **	-0.006 **	-0.002 **	0.013 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	0.006	0.005	0.007	0.002	0.004	-0.003	-0.002	-0.002 *	0.007 *
URBANICITY (Mean=3.745)	0.002	-0.001	-0.001	-0.003	-0.002	0.007 **	0.007 **	0.002 **	-0.017 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.005	-0.006	-0.002	-0.020	-0.012	-0.005	-0.012 **	0.004 *	0.013 *
FU #2	0.018	0.018	0.021 *	0.007	0.012	-0.002	0.006	0.003	-0.007
FU #3	0.016	0.016	0.015	0.014	0.013	0.000	0.010 *	0.000	-0.010
FU #4	0.010	0.010	0.008	0.018	0.013	0.004	0.011 *	-0.002	-0.012
FU #5	-0.014	-0.014	-0.017	0.001	-0.006	0.005	0.000	-0.004	-0.001
FU #6	-0.031	-0.031	-0.035 *	-0.011	-0.019	0.005	-0.007	-0.005	0.007
FU #7	-0.033	-0.032	-0.038	-0.009	-0.018	0.003	-0.014	-0.006	0.018
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	-0.006	-0.006	-0.006	-0.007	-0.007	0.000	-0.002	0.001	0.001
TWO YEARS AFTER HIGH SCHOOL	0.007	0.007	0.007	0.008	0.007	0.000	0.002	-0.001	-0.002
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.001		-0.020		-0.027 *	-0.001	-0.013 **	-0.004	0.018 **
PART-TIME STUDENT	-0.012		-0.011		-0.010	-0.001	-0.004	0.001	0.003
NOT A STUDENT	0.001		0.010		0.013 *	0.000	0.006 **	0.002	-0.009 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.001		-0.003		0.001	0.000	0.001	0.000	-0.002
MILITARY SERVICE	-0.049		-0.058 *		-0.062 **	0.000	-0.040 **	-0.010 *	0.050 **
PART-TIME JOB	0.006		0.010		0.009	-0.003	0.003	0.000	0.000
HOMEMAKER	0.039		0.046		0.054	0.007	0.020	-0.002	-0.025
NONSTUDENT, NOT EMPLOYED	0.019		0.009		0.003	0.006	0.005	0.001	-0.012
OTHER	0.010		0.015		0.008	0.000	0.005	0.001	-0.006
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.044			-0.050 **	-0.050 **	-0.002	-0.027 **	-0.004	0.033 **
PARTNER	0.007			0.017	0.014	0.022 **	0.029 **	0.008 *	-0.059 **
PARENT(S)	0.006			0.010	0.005	-0.004	-0.002	0.000	0.006
DORM	0.009			0.017	0.026	-0.005	0.007	-0.002	0.000
LIVE ALONE	0.015			0.011	0.011	0.001	0.003	0.001	-0.005
OTHER	0.043			0.040 **	0.046 **	0.003	0.028 **	0.004 *	-0.035 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.027			-0.047 *	-0.048 *	-0.005	-0.030 **	-0.007	0.041 **
NOT ENGAGED	0.002			0.004 *	0.004 *	0.000	0.002 **	0.001	-0.003 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.036			-0.001	-0.002	0.004	0.001	-0.001	-0.006
NO	0.002			0.000	0.000	0.000	0.000	0.000	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.046			0.000	0.000	0.000	-0.002	-0.001	0.003
SINGLE PARENT	0.024			0.003	0.002	0.014	0.010	0.003	-0.026 *
NOT A PARENT	0.008			0.000	0.000	-0.001	0.000	0.000	0.001

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0184	0.0176	0.0179	0.0155	0.0159	0.0312 **	0.0145	0.0153	0.0313 **
SET#2 REGION	0.0161	0.0151	0.0148	0.0142	0.0138	0.0474 **	0.0316 **	0.0418 **	0.0658 **
HIGH SCHOOL GRADES	0.0030	0.0003	0.0018	-0.0010	0.0008	-0.0685 **	-0.0502 **	-0.0318 **	0.0904 **
R WILL ATTEND 4YR COLLEGE	0.0121	0.0109	0.0141	0.0040	0.0089	-0.0200	-0.0094	-0.0217 *	0.0268 *
URBANICITY	0.0038	-0.0016	-0.0009	-0.0054	-0.0041	0.0450 **	0.0366 **	0.0263 **	-0.0641 **
SET#3 FOLLOW-UP NUMBER	0.0307	0.0304	0.0335 *	0.0246	0.0230	0.0221	0.0457 **	0.0367	0.0377 *
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0117	0.0114	0.0110	0.0133	0.0124	0.0002	0.0098	0.0054	0.0052
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0068		0.0239		0.0314	0.0033	0.0410 *	0.0272	0.0420 *
SET#6 WORK STATUS AT FOLLOW-UP	0.0222		0.0270		0.0262	0.0102	0.0443 **	0.0233	0.0419 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0536			0.0574 **	0.0604 **	0.0371 *	0.0960 **	0.0351	0.0979 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0128			0.0225 *	0.0230 *	0.0076	0.0383 **	0.0184	0.0398 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0132			0.0004	0.0008	0.0049	0.0006	0.0010	0.0041
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0354			0.0012	0.0006	0.0162	0.0095	0.0068	0.0190

Section C: Explained Variance

	BKGD	BKGD + STUD/WORK	BKGD + LIV ARR	ALL SETS	STOP	START	BOTH	NEITHER
R Sqr	0.0018	0.0025	0.0045 **	0.0055 **	0.0123 **	0.0163 **	0.0101 **	0.0339 **
R Sqr., adjusted	0.0005	0.0007	0.0025	0.0029	0.0102	0.0143	0.0081	0.0319

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.10 in Bachman et al. (1997) and Table 6.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.6: Regression Analyses Linking Post-High School Experiences to Changes in 30-Day Cocaine Use (continued)

Men

Part II: Regression Analyses Based on Cases from Follow-Ups 1 and 2

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
VARIABLE	BIVARIATE COEFF	BKGD.	BKGD.+ STUD./WORK	BKGD.+ LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.030	0.030	0.030	0.030	0.030	0.024	0.044	0.013	0.919
SET#1 RACE									
WHITE	0.002	0.001	0.001	0.001	0.001	0.002 **	0.003 **	0.001	-0.006 **
BLACK	0.000	0.004	0.004	0.002	0.002	-0.016 **	-0.013	-0.009 *	0.038 **
OTHER	-0.012	-0.013	-0.013	-0.010	-0.011	-0.004	-0.014 *	-0.001	0.019 *
SET#2 REGION									
NORTHEAST	0.026	0.026 **	0.026 **	0.024 **	0.025 **	0.005	0.015 **	0.006 **	-0.025 **
NORTH CENTRAL	-0.007	-0.008	-0.008	-0.008	-0.009	-0.006 **	-0.008 **	-0.005 **	0.019 **
SOUTH	-0.012	-0.012	-0.012	-0.010	-0.010	-0.003	-0.008 **	-0.004 *	0.015 **
WEST	0.000	0.002	0.002	0.001	0.001	0.009 **	0.009 *	0.009 **	-0.027 **
HIGH SCHOOL GRADES/D=1 (Mean=5.727)	-0.001	-0.003	-0.003	-0.004	-0.003	-0.004 **	-0.006 **	-0.002 **	0.012 **
R WILL ATTEND 4YR COLLEGE (Mean=2.910)	0.008	0.010 *	0.010	0.006	0.008	-0.003	-0.002	-0.001	0.006 *
URBANICITY (Mean=3.766)	0.002	-0.003	-0.003	-0.004	-0.003	0.006 **	0.006 **	0.003 **	-0.016 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.011	-0.011 *	-0.011 *	-0.012 *	-0.011 *	-0.001	-0.008 **	0.001	0.008 **
FU #2	0.013	0.013 *	0.013 *	0.014 *	0.013 *	0.001	0.010 **	-0.001	-0.010 **
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.002		-0.007		-0.011	-0.003	-0.006 *	-0.005 **	0.014 **
PART-TIME STUDENT	-0.007		-0.004		-0.001	0.003	0.001	0.003	-0.007
NOT A STUDENT	-0.001		0.010		0.014	0.003	0.007 *	0.006 *	-0.015 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	-0.003		-0.006		-0.001	0.002	0.001	0.001	-0.004
MILITARY SERVICE	-0.038		-0.042 *		-0.058 **	0.000	-0.041 **	-0.016 **	0.056 **
PART-TIME JOB	0.003		0.006		0.007	-0.003	0.003	0.000	0.000
HOMEMAKER	0.023		0.030		0.033	0.009	-0.004	-0.007	0.002
NONSTUDENT, NOT EMPLOYED	0.010		0.004		0.004	0.004	0.003	0.000	-0.007
OTHER	0.007		0.011		0.006	0.000	0.004	0.002	-0.006
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.053			-0.058 *	-0.058 *	-0.001	-0.030 **	-0.011 *	0.041 **
PARTNER	0.006			0.012	0.010	0.021 **	0.020 *	0.015 **	-0.056 **
PARENT(S)	-0.008			-0.005	-0.010	-0.003	-0.008 **	-0.002	0.013 **
DORM	0.004			0.004	0.007	-0.003	0.001	-0.002	0.004
LIVE ALONE	0.015			0.012	0.016	0.002	0.011	0.003	-0.016
OTHER	0.027			0.023 *	0.031 **	0.003	0.021 **	0.006 *	-0.029 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.033			-0.038 *	-0.039 *	-0.006	-0.027 **	-0.009 *	0.042 **
NOT ENGAGED	0.003			0.003 *	0.003 *	0.001	0.002 **	0.001 *	-0.003 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.046			-0.010	-0.010	-0.005	-0.011	0.007	0.007
NO	0.001			0.000	0.000	0.000	0.000	0.000	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.052			0.001	-0.001	0.007	0.007	0.003	-0.017
SINGLE PARENT	0.001			0.003	0.001	0.022 *	0.015	0.004	-0.041 *
NOT A PARENT	0.002			0.000	0.000	-0.001 *	-0.001	0.000	0.002 *

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 30-Day Cocaine Use			
		BKGD	BKGD.+ STUD./WORK	BKGD.+ LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0078	0.0079	0.0084	0.0064	0.0065	0.0312 **	0.0300 **	0.0229	0.0475 **
SET#2 REGION	0.0264	0.0270 *	0.0270 *	0.0251	0.0256	0.0373 **	0.0481 **	0.0506 **	0.0766 **
HIGH SCHOOL GRADES	-0.0018	-0.0101	-0.0096	-0.0128	-0.0114	-0.0546 **	-0.0533 **	-0.0348 **	0.0852 **
R WILL ATTEND 4YR COLLEGE	0.0159	0.0203 *	0.0211	0.0122	0.0161	-0.0218	-0.0109	-0.0105	0.0245 *
URBANICITY	0.0041	-0.0055	-0.0051	-0.0073	-0.0061	0.0443 **	0.0313 **	0.0288 **	-0.0603 **
SET#3 FOLLOW-UP NUMBER	0.0214	0.0214 *	0.0218 *	0.0234 *	0.0215 *	0.0078	0.0430 **	0.0085	0.0332 **
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0050		0.0151		0.0222	0.0196	0.0316	0.0408 *	0.0513 **
SET#6 WORK STATUS AT FOLLOW-UP	0.0193		0.0233		0.0276	0.0139	0.0493 **	0.0352 *	0.0517 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0378			0.0374 *	0.0427 *	0.0336 *	0.0721 **	0.0447 **	0.0851 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0170			0.0197 *	0.0199 *	0.0109	0.0365 **	0.0231 *	0.0431 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0115			0.0025	0.0024	0.0040	0.0070	0.0077	0.0034
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0177			0.0010	0.0005	0.0241 *	0.0130	0.0076	0.0263 *

Section C: Explained Variance

R Sqr	0.0015 *	0.0020	0.0032 **	0.0039 **	0.0123 **	0.0163 **	0.0101 **	0.0339 **
R Sqr., adjusted	0.0008	0.0006	0.0017	0.0018	0.0102	0.0143	0.0081	0.0319

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.10 in Bachman et al. (1997) and Table 6.3 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the 30-day cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

Table 4.7: Regression Analyses Linking Post-High School Experiences to Changes in 12-Month Cocaine Use

Women

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Cocaine Use			
VARIABLE	BIVARIATE COEFF	BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.067	0.067	0.067	0.067	0.067	0.039	0.061	0.027	0.873
SET#1 RACE									
WHITE	0.002	0.001	0.001	0.001	0.001	0.004 **	0.004 **	0.003 **	-0.011 **
BLACK	0.016	0.024	0.024	0.019	0.019	-0.029 **	-0.018 **	-0.019 **	0.066 **
OTHER	-0.039	-0.039	-0.038	-0.035	-0.034	-0.002	-0.017 *	-0.013 **	0.031 **
SET#2 REGION									
NORTHEAST	0.034	0.033 *	0.032 *	0.026	0.025	0.010 **	0.018 **	0.006 *	-0.034 **
NORTH CENTRAL	0.008	0.009	0.010	0.009	0.009	-0.012 **	-0.008 **	-0.010 **	0.029 **
SOUTH	-0.017	-0.020	-0.020	-0.013	-0.013	-0.007 **	-0.011 **	-0.005 **	0.023 **
WEST	-0.031	-0.028	-0.026	-0.030	-0.029	0.022 **	0.009 *	0.020 **	-0.052 **
HIGH SCHOOL GRADES/D=1 (Mean=6.252)	0.002	0.004	0.004	0.004	0.005	-0.009 **	-0.006 **	-0.005 **	0.020 **
R WILL ATTEND 4YR COLLEGE (Mean=2.809)	0.002	-0.003 *	0.000	-0.015 *	-0.009	-0.003 *	-0.004 *	-0.004 **	0.011 **
URBANICITY (Mean=3.761)	0.010	0.007	0.008	0.005	0.006	0.007 **	0.008 **	0.007 **	-0.022 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.002	-0.001	0.010	-0.024	-0.010	-0.012 **	-0.013 **	0.009 **	0.015 *
FU #2	0.053	0.053 **	0.058 **	0.033 *	0.041 **	-0.007 *	0.010 *	0.005	-0.009
FU #3	0.045	0.046 **	0.041 *	0.039 *	0.034 *	0.001	0.015 **	-0.001	-0.015 *
FU #4	0.005	0.005	-0.002	0.016	0.006	0.007	0.006	-0.003	-0.010
FU #5	-0.039	-0.040 *	-0.047 *	-0.016	-0.027	0.012 *	-0.001	-0.007	-0.004
FU #6	-0.085	-0.087 **	-0.093 **	-0.049 *	-0.059 *	0.012 *	-0.013 *	-0.011 *	0.013
FU #7	-0.103	-0.106 **	-0.111 **	-0.058 *	-0.069 *	0.012	-0.017 *	-0.015 **	0.020
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	-0.002	-0.001	0.000	-0.004	-0.003	-0.001	-0.002	0.001	0.002
TWO YEARS AFTER HIGH SCHOOL	0.002	0.001	0.000	0.004	0.003	0.001	0.003	-0.001	-0.002
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	0.006		-0.010		-0.042 *	0.001	-0.015 **	-0.003	0.017 *
PART-TIME STUDENT	-0.042		-0.045 *		-0.049 *	0.013 **	-0.003	0.004	-0.013
NOT A STUDENT	0.004		0.011		0.024 **	-0.002	0.007 **	0.001	-0.005
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.015		0.019 *		0.004	-0.001	0.000	0.000	0.001
MILITARY SERVICE	-0.101		-0.108		-0.130	0.032	-0.028	-0.015	0.011
PART-TIME JOB	-0.015		-0.022		-0.011	0.001	-0.001	0.000	0.000
HOMEMAKER	-0.084		-0.067 **		0.004	-0.003	-0.004	-0.005	0.012
NONSTUDENT, NOT EMPLOYED	0.036		0.031		0.038	-0.004	0.010	0.003	-0.009
OTHER	0.004		-0.007		-0.006	0.003	0.002	0.002	-0.007
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.090			-0.078 **	-0.088 **	0.000	-0.030 **	-0.010 **	0.040 **
PARTNER	0.125			0.151 **	0.147 **	0.026 **	0.068 **	0.034 **	-0.128 **
PARENT(S)	0.013			0.002	0.003	-0.006 *	-0.006	-0.002	0.014 **
DORM	0.008			0.000	0.029	-0.006	0.008	-0.007	0.005
LIVE ALONE	0.069			0.053	0.049	-0.001	0.017 *	0.009	-0.025 *
OTHER	0.091			0.080 **	0.088 **	0.002	0.036 **	0.008 *	-0.046 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.025			-0.109 **	-0.111 **	0.002	-0.033 **	-0.013 **	0.044 **
NOT ENGAGED	0.002			0.010 **	0.011 **	0.000	0.003 **	0.001 **	-0.004 **
SET#9 IS R PREGNANT AT FOLLOW-UP?									
YES	-0.062			-0.005	-0.011	0.002	-0.003	-0.006	0.005
NO	0.004			0.000	0.001	0.000	0.000	0.000	0.000
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.122			-0.045 *	-0.047 *	0.009 *	-0.012 *	-0.002	0.004
SINGLE PARENT	0.010			-0.056	-0.067 *	0.007	-0.022 **	-0.009	0.023 *
NOT A PARENT	0.034			0.018 **	0.019 **	-0.003 *	0.005 **	0.001	-0.003

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Cocaine Use			
		BKGD	BKGD + STUD/WORK	BKGD + LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0141	0.0154	0.0151	0.0133	0.0131	0.0491 **	0.0336 **	0.0461 **	0.0723 **
SET#2 REGION	0.0261	0.0257 *	0.0253 *	0.0219	0.0215	0.0663 **	0.0484 **	0.0657 **	0.1006 **
HIGH SCHOOL GRADES	0.0048	0.0079	0.0087	0.0077	0.0104	-0.0828 **	-0.0443 **	-0.0601 **	0.1092 **
R WILL ATTEND 4YR COLLEGE	0.0032	-0.0040	0.0001	-0.0200 *	-0.0117	-0.0183 *	-0.0204 *	-0.0324 **	0.0409 **
URBANICITY	0.0121	0.0088	0.0090	0.0059	0.0067	0.0403 **	0.0333 **	0.0442 **	-0.0688 **
SET#3 FOLLOW-UP NUMBER	0.0556	0.0566 **	0.0599 **	0.0378 **	0.0402 **	0.0471 **	0.0481 **	0.0469 **	0.0376 **
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0021	0.0013	0.0004	0.0042	0.0031	0.0038	0.0099	0.0058	0.0066
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0154		0.0192		0.0370 **	0.0224 *	0.0389 **	0.0134	0.0322 *
SET#6 WORK STATUS AT FOLLOW-UP	0.0327		0.0311 *		0.0170	0.0160	0.0144	0.0128	0.0141
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0866			0.0817 **	0.0871 **	0.0423 **	0.1269 **	0.0740 **	0.1439 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0086			0.0382 **	0.0390 **	0.0033	0.0421 **	0.0257 **	0.0409 **
SET#9 IS R PREGNANT AT FOLLOW-UP?	0.0170			0.0013	0.0030	0.0027	0.0028	0.0067	0.0035
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0712			0.0331 **	0.0357 **	0.0271 *	0.0363 **	0.0152	0.0197

Section C: Explained Variance

R Sqr.	0.0042 **	0.0055 **	0.0120 **	0.0134 **	0.0235 **	0.0289 **	0.0220 **	0.0593 **
R Sqr., adjusted	0.0032	0.0041	0.0105	0.0114	0.0215	0.0268	0.0200	0.0573

NOTES * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.10 in Bachman et al. (1997) and Table 6.4 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the annual cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

(Table continued on next page)

Table 4.7: Regression Analyses Linking Post-High School Experiences to Changes in 12-Month Cocaine Use (continued)

Men

Part I: Regression Analyses Based on Full Set of Cases from Follow-Ups 1-7

Section A: Unstandardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Cocaine Use			
VARIABLE	BIVARIATE COEFF.	BKGD	BKGD.+ STUD./WORK	BKGD.+ LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
CONSTANT	0.142	0.142	0.142	0.142	0.142	0.049	0.095	0.045	0.811
SET#1 RACE									
WHITE	-0.002	-0.002	-0.002	-0.001	-0.002	0.003 **	0.002	0.003 **	-0.009 **
BLACK	0.056	0.058	0.058	0.046	0.047	-0.027 **	-0.004	-0.027 **	0.058 **
OTHER	-0.027	-0.027	-0.029	-0.023	-0.022	-0.012	-0.017	-0.009	0.038 **
SET#2 REGION									
NORTHEAST	0.045	0.042 *	0.041 *	0.033	0.033	0.006	0.017 **	0.008 *	-0.031 **
NORTH CENTRAL	-0.008	-0.005	-0.005	-0.002	-0.003	-0.009 **	-0.005	-0.011 **	0.025 **
SOUTH	-0.013	-0.015	-0.015	-0.007	-0.007	-0.036	-0.010 *	-0.008 **	0.023 **
WEST	-0.025	-0.022	-0.021	-0.030	-0.028	0.020 **	0.003	0.025 **	-0.047 **
HIGH SCHOOL GRADES/D=1 (Mean=5.721)	-0.001	-0.002	0.000	-0.003	-0.001	-0.009 **	-0.007 **	-0.008 **	0.024 **
R WILL ATTEND 4YR COLLEGE (Mean=2.846)	0.008	0.005	0.011	-0.006	0.002	-0.005 *	0.001	-0.006 **	0.009 *
URBANICITY (Mean=3.745)	0.015	0.009	0.011	0.003	0.005	0.012 **	0.009 **	0.011 **	-0.033 **
SET#3 FOLLOW-UP NUMBER									
FU #1	-0.048	-0.048 **	-0.035	-0.088 **	-0.063 **	-0.010 *	-0.030 **	0.010 *	0.030 **
FU #2	0.055	0.055 **	0.066 **	0.018	0.035	-0.008 *	0.008	0.007	-0.007
FU #3	0.074	0.074 **	0.070 **	0.064 **	0.059 **	-0.003	0.021 **	0.002	-0.020 *
FU #4	0.040	0.040	0.032	0.060 *	0.045	0.004	0.019 **	-0.002	-0.021 *
FU #5	-0.020	-0.019	-0.030	0.025	0.004	0.012 *	0.010	-0.009	-0.014
FU #6	-0.083	-0.083 **	-0.096 **	-0.017	-0.042	0.017 *	-0.005	-0.015 *	0.003
FU #7	-0.126	-0.125 **	-0.142 **	-0.044	-0.073	0.018 *	-0.017	-0.023 **	0.022
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP									
ONE YEAR AFTER HIGH SCHOOL	-0.011	-0.010	-0.010	-0.013	-0.012	-0.003	-0.004	0.000	0.007 *
TWO YEARS AFTER HIGH SCHOOL	0.012	0.011	0.011	0.015	0.013	0.003	0.004	0.000	-0.007 *
SET#5 STUDENT STATUS AT FOLLOW-UP									
FULL-TIME STUDENT	-0.017		-0.060 *		-0.078 **	0.002	-0.015 *	-0.012 *	0.025 **
PART-TIME STUDENT	-0.022		-0.020		-0.020	0.002	-0.002	0.003	-0.003
NOT A STUDENT	0.011		0.030 **		0.037 **	-0.001	0.007 *	0.005 *	-0.011 **
SET#6 WORK STATUS AT FOLLOW-UP									
FULL-TIME CIVILIAN JOB	0.001		-0.008		0.001	0.002	0.001	0.001	-0.004
MILITARY SERVICE	-0.151		-0.178 **		-0.191 **	0.005	-0.063 **	-0.033 **	0.092 **
PART-TIME JOB	-0.009		0.014		0.009	-0.006	-0.003	0.000	0.009
HOMEMAKER	-0.053		-0.025		0.002	0.033	0.019	-0.019	-0.033
NONSTUDENT, NOT EMPLOYED	0.124		0.094 *		0.073	0.002	0.023	0.016	-0.040 *
OTHER	0.017		0.048		0.029	-0.002	0.012	0.002	-0.012
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP									
MARRIED	-0.141			-0.156 **	-0.156 **	0.005	-0.043 **	-0.017 **	0.055 **
PARTNER	0.115			0.130 **	0.121 **	0.033 **	0.060 **	0.036 **	-0.128 **
PARENT(S)	0.012			0.022	0.006	-0.008 *	-0.005	-0.004	0.017 **
DORM	-0.027			0.020	0.046	-0.010	0.001	-0.002	0.011
LIVE ALONE	0.045			0.026	0.026	0.000	0.013	0.002	-0.015
OTHER	0.140			0.130 **	0.147 **	-0.002	0.045 **	0.019 **	-0.063 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP									
ENGAGED	-0.028			-0.118 **	-0.120 **	-0.004	-0.037 **	-0.021 **	0.062 **
NOT ENGAGED	0.002			0.009 **	0.009 **	0.000	0.003 **	0.002 **	-0.005 **
SET#9 IS SPOUSE PREGNANT AT FOLLOW-UP?									
YES	-0.092			0.017	0.013	0.007	0.002	0.005	-0.017
NO	0.004			-0.001	-0.001	0.000	0.000	0.000	0.001
SET#10 PARENTHOOD STATUS AT FOLLOW-UP									
MARRIED PARENT	-0.157			-0.022	-0.021	0.005	-0.009	-0.003	0.007
SINGLE PARENT	0.073			-0.014	-0.021	0.018	-0.003	0.021 *	-0.035
NOT A PARENT	0.028			0.005	0.005	-0.002	0.002	0.000	0.000

Section B: Standardized Regression Coefficients

	Based on Drug Use Change Scores					Based on Specified Pattern of 12-Month Cocaine Use			
		BKGD	BKGD.+ STUD./WORK	BKGD.+ LIV. ARR	ALL SETS	STOP	START	BOTH	NEITHER
VARIABLE SET	ETA (or r)	BETA	BETA	BETA	BETA	BETA	BETA	BETA	BETA
SET#1 RACE	0.0155	0.0158	0.0160	0.0127	0.0129	0.0390 **	0.0185	0.0394 **	0.0523 **
SET#2 REGION	0.0230	0.0216	0.0211	0.0188	0.0183	0.0484 **	0.0346 **	0.0619 **	0.0778 **
HIGH SCHOOL GRADES	-0.0018	-0.0028	0.0003	-0.0046	-0.0012	-0.0764 **	-0.0462 **	-0.0735 **	0.1157 **
R WILL ATTEND 4YR COLLEGE	0.0079	0.0052	0.0113	-0.0059	0.0023	-0.0246 *	0.0040	-0.0305 **	0.0264 *
URBANICITY	0.0148	0.0093	0.0106	0.0025	0.0047	0.0613 **	0.0342 **	0.0585 **	-0.0904 **
SET#3 FOLLOW-UP NUMBER	0.0580	0.0579 **	0.0607 **	0.0530 **	0.0464 **	0.0468 *	0.0663 **	0.0469 *	0.0513 **
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP	0.0107	0.0100	0.0094	0.0128	0.0114	0.0133	0.0132	0.0011	0.0178 *
SET#5 STUDENT STATUS AT FOLLOW-UP	0.0130		0.0368 *		0.0470 **	0.0071	0.0336	0.0360 *	0.0405 *
SET#6 WORK STATUS AT FOLLOW-UP	0.0403		0.0452 **		0.0432 **	0.0164	0.0538 **	0.0397 **	0.0592 **
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP	0.0939			0.0980 **	0.1012 **	0.0469 **	0.1158 **	0.0741 **	0.1342 **
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP	0.0071			0.0296 **	0.0301 **	0.0053	0.0340 **	0.0270 **	0.0428 **
SET#9 IS S PREGNANT AT FOLLOW-UP?	0.0177			0.0033	0.0026	0.0066	0.0017	0.0052	0.0089
SET#10 PARENTHOOD STATUS AT FOLLOW-UP	0.0638			0.0095	0.0097	0.0201	0.0140	0.0204	0.0193

Section C: Explained Variance

R Sqr.	0.0044 **	0.0067 **	0.0128 **	0.0155 **	0.0227 **	0.0272 **	0.0268 **	0.0602 **
R Sqr., adjusted	0.0031	0.0049	0.0109	0.0130	0.0201	0.0246	0.0243	0.0577

NOTES: * indicates statistical significance at .05 level. ** indicates statistical significance at .01 level. Statistical significance is not indicated for bivariate coefficients or constants.
Sets #5 - #10 were measured at follow-up. Sets #3 and #4 were determined by timing of follow-up. All others were measured at Base Year.
Detailed guidelines for table interpretation are provided in the text.
This table is comparable to Table A.10 in Bachman et al. (1997) and Table 6.4 in Occasional Paper #35.
See Table A.65 for weighted Ns by variable subgroup. Missing data on the annual cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns of observations by drug use measure.

Table 5.1
Half-Pack or More Daily Smoking Related to High School Grades and College Plans

	Men			Women		
		Percentage Reporting Half-Pack or More Daily Smoking			Percentage Reporting Half-Pack or More Daily Smoking	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
High School Grades						
A - A$^-$	*9,158*	3.9	8.3	*15,792*	4.9	8.6
B$^+$ - B	*18,041*	8.5	14.3	*24,831*	11.4	15.5
B$^-$ - C$^+$	*14,329*	14.8	21.6	*13,240*	18.1	23.0
C - C$^-$	*6,113*	24.5	29.7	*4,749*	26.1	29.2
D	*607*	37.4	41.6	*339*	44.2	42.7
Will Attend 4-Year College?						
Definitely Will	*18,578*	6.0	11.0	*23,520*	6.5	10.9
Probably Will	*11,536*	8.9	14.6	*12,357*	10.7	14.6
Probably Won't	*7,842*	16.0	23.5	*9,022*	16.4	20.7
Definitely Won't	*8,987*	23.6	29.2	*12,758*	22.3	25.4
Total Sample	*49,469*	12.0	17.7	*59,845*	12.6	16.6

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the cigarette use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 5.2
Alcohol Use in Past Thirty Days Related to High School Grades and College Plans

	Men			Women		
		Percentage Reporting Alcohol Use in Past Thirty Days			Percentage Reporting Alcohol Use in Past Thirty Days	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
High School Grades						
A - A$^-$	*9,158*	63.6	78.4	*15,792*	56.9	68.3
B$^+$ - B	*18,041*	70.1	80.3	*24,831*	64.9	70.2
B$^-$ - C$^+$	*14,329*	76.1	80.2	*13,240*	69.8	69.4
C - C$^-$	*6,113*	79.2	79.8	*4,749*	67.7	67.1
D	*607*	87.6	81.2	*339*	74.2	71.8
Will Attend 4-Year College?						
Definitely Will	*18,578*	69.7	81.5	*23,520*	62.5	73.9
Probably Will	*11,536*	70.4	80.3	*12,357*	64.8	69.4
Probably Won't	*7,842*	73.5	77.0	*9,022*	65.4	65.2
Definitely Won't	*8,987*	76.4	77.7	*12,758*	64.9	63.6
Total Sample	*49,469*	71.9	79.7	*59,845*	63.9	69.2

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 5.3
Heavy Alcohol Use in Past Two Weeks Related to High School Grades and College Plans

	Men			Women		
		Percentage Reporting Heavy Alcohol Use in Past 2 Wks.			Percentage Reporting Heavy Alcohol Use in Past 2 Wks.	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
High School Grades						
A - A^-	*9,158*	32.4	39.5	*15,792*	18.3	21.1
B^+ - B	*18,041*	42.0	46.1	*24,831*	28.1	25.3
B^- - C^+	*14,329*	52.8	50.1	*13,240*	35.4	27.3
C - C^-	*6,113*	58.6	51.9	*4,749*	37.8	30.1
D	*607*	64.5	49.4	*339*	50.7	37.5
Will Attend 4-Year College?						
Definitely Will	*18,578*	40.2	46.3	*23,520*	23.3	26.0
Probably Will	*11,536*	44.4	46.5	*12,357*	28.4	24.1
Probably Won't	*7,842*	49.6	45.3	*9,022*	30.6	24.3
Definitely Won't	*8,987*	54.4	48.6	*12,758*	33.6	24.4
Total Sample	*49,469*	45.7	46.6	*59,845*	27.8	25.0

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the heavy alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 5.4
Marijuana Use in Past Thirty Days Related to High School Grades and College Plans

	Men			Women		
		Percentage Reporting Marijuana Use in Past Thirty Days			Percentage Reporting Marijuana Use in Past Thirty Days	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
High School Grades						
A - A^-	*9,158*	16.5	16.1	*15,792*	13.1	10.4
B^+ - B	*18,041*	24.6	20.3	*24,831*	21.3	14.7
B^- - C^+	*14,329*	32.2	24.8	*13,240*	30.0	17.5
C - C^-	*6,113*	40.3	28.3	*4,749*	33.9	19.1
D	*607*	47.4	28.7	*339*	47.6	21.2
Will Attend 4-Year College?						
Definitely Will	*18,578*	22.4	20.7	*23,520*	17.1	12.8
Probably Will	*11,536*	27.9	22.6	*12,357*	22.6	14.7
Probably Won't	*7,842*	31.9	22.8	*9,022*	26.8	16.3
Definitely Won't	*8,987*	33.5	22.6	*12,758*	26.8	16.1
Total Sample	*49,469*	27.7	22.0	*59,845*	22.2	14.6

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the marijuana use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 5.5
Cocaine Use in Past Thirty Days Related to High School Grades and College Plans

	Men			**Women**		
		Percentage Reporting Cocaine Use in Past Thirty Days			**Percentage Reporting Cocaine Use in Past Thirty Days**	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
High School Grades						
A - A$^-$	*9,158*	1.8	3.4	*15,792*	1.3	1.9
B$^+$ - B	*18,041*	3.3	5.0	*24,831*	2.7	3.4
B$^-$ - C$^+$	*14,329*	4.8	6.6	*13,240*	3.6	4.1
C - C$^-$	*6,113*	7.2	8.1	*4,749*	5.3	5.0
D	*607*	7.5	7.5	*339*	6.9	6.0
Will Attend 4-Year College?						
Definitely Will	*18,578*	2.8	4.7	*23,520*	2.0	2.6
Probably Will	*11,536*	4.1	6.1	*12,357*	2.8	3.4
Probably Won't	*7,842*	4.8	6.3	*9,022*	3.7	4.2
Definitely Won't	*8,987*	5.3	6.1	*12,758*	3.3	3.7
Total Sample	*49,469*	4.0	5.6	*59,845*	2.8	3.3

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the cocaine use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table 5.6
Half-Pack or More Daily Smoking Related to Race

	Percentage Reporting Half-Pack or More Daily Smoking			
	Men		Women	
Race	Base Year	Follow-Up	Base Year	Follow-Up
Black	4.2	14.7	3.9	11.4
White	12.7	18.2	13.7	17.5
Total Sample	12.0	17.7	12.6	16.6

Table 5.7
Alcohol Use in the Past Thirty Days Related to Race

	Percentage Reporting Alcohol Use in Past Thirty Days			
	Men		Women	
Race	Base Year	Follow-Up	Base Year	Follow-Up
Black	50.2	68.0	36.1	50.1
White	74.3	81.2	67.9	72.0
Total Sample	71.9	79.7	63.9	69.2

Table 5.8
Heavy Alcohol Use in the Past Two Weeks Related to Race

	Percentage Reporting Heavy Alcohol Use in Past Two Weeks			
	Men		Women	
Race	Base Year	Follow-Up	Base Year	Follow-Up
Black	23.2	28.8	8.5	10.5
White	48.1	48.7	30.4	27.0
Total Sample	45.7	46.6	27.8	25.0

Table 5.9
Marijuana Use in Past Thirty Days Related to Race

	Percentage Reporting Marijuana Use in Past Thirty Days			
	Men		Women	
Race	Base Year	Follow-Up	Base Year	Follow-Up
Black	25.1	21.5	15.3	12.0
White	28.5	22.4	23.2	15.0
Total Sample	27.7	22.0	22.2	14.6

Table 5.10
Cocaine Use in Past Thirty Days Related to Race

	Percentage Reporting Cocaine Use in Past Thirty Days			
	Men		Women	
Race	Base Year	Follow-Up	Base Year	Follow-Up
Black	2.1	5.5	1.0	2.4
White	4.1	5.7	3.0	3.4
Total Sample	4.0	5.6	2.8	3.3

Notes: The following notes apply to all tables on this page. Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. See Table A.65 for weighted Ns by race; missing data on each of the drug use measures reduce the weighted Ns proportionately for the corresponding table. See Table A.66 for total weighted Ns by drug use measure.

Table A.1
Proportions of Panel Respondents in Post-High School Education*

	MEN		WOMEN	
Modal Age	**Full-Time Student (%)**	**Part-Time Student (%)**	**Full-Time Student (%)**	**Part-Time Student (%)**
19-20	52.4	6.7	51.2	7.5
21-22	39.4	8.8	35.2	8.0
23-24	17.9	11.9	11.8	10.8
25-26	10.0	9.9	6.0	10.0
27-28	5.8	9.8	4.0	9.4
29-30	4.4	9.1	3.4	9.3
31-32	2.4	7.3	3.3	8.0

* This table provides data for Figure 3.2 in Bachman et al. (1997)

Notes: Percentages are based on data from classes of 1976-1981, only. See Table A.65 for weighted Ns by modal age.

Table A.2
Proportions of Panel Respondents Who Reported Completing a Bachelor's Degree*

Modal Age	MEN (%)	WOMEN (%)
21-22	5.1	5.2
23-24	27.5	26.1
25-26	34.8	29.9
27-28	37.5	32.9
29-30	39.7	33.7
31-32	41.5	35.2

* This table provides data for Figure 3.3 in Bachman et al. (1997)

Notes: Percentages are based on data from classes of 1976-1981, only. Follow-up surveys are conducted during the spring, when many respondents are on the verge of graduating, but have not yet graduated. See Table A.65 for weighted Ns by modal age.

Table A.3
Proportions of Panel Respondents Married or Engaged*

	MEN		WOMEN	
Modal Age	**Engaged (%)**	**Married (%)**	**Engaged (%)**	**Married (%)**
19-20	6.0	3.7	10.6	8.7
21-22	8.5	12.2	11.8	21.4
23-24	9.1	24.8	10.0	36.2
25-26	7.8	39.5	7.8	49.5
27-28	5.6	50.5	5.2	58.3
29-30	4.0	59.5	3.6	65.0
31-32	3.3	65.1	3.2	69.1

* This table provides data for Figure 3.4 in Bachman et al. (1997)

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. See Table A.65 for weighted Ns by modal age.

Table A.4
Proportions of Panel Respondents Who were Married or Unmarried Parents*

	MEN		WOMEN	
Modal Age	**Unmarried Parent (%)**	**Married Parent (%)**	**Unmarried Parent (%)**	**Married Parent (%)**
19-20	1.8	1.5	2.8	2.6
21-22	3.1	5.3	5.2	9.3
23-24	3.9	11.5	6.5	17.3
25-26	4.5	20.0	7.7	26.5
27-28	5.6	29.5	8.7	36.6
29-30	5.9	39.9	9.7	46.7
31-32	7.0	49.6	9.7	55.3

* This table provides data for Figure 3.5 in Bachman et al. (1997)

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. See Table A.65 for weighted Ns by modal age.

Table A.5
Annual Marijuana Use Related to Marital Status Across Five Points in Time*

MEN

	Percentage Reporting Marijuana Use in Past 12 Months				
Survey Administration (Approximate Age)	**Single**	**Married between FU3 & FU4**	**Married between FU2 & FU3**	**Married between FU1 & FU2**	**Married between BY &FU1**
BY (18)	41.9	39.5	42.2	41.0	45.9
FU1 (19-20)	46.8	41.9	39.8	35.6	26.2
FU2 (21-22)	47.6	38.9	37.3	26.3	19.5
FU3 (23-24)	41.8	33.1	24.4	21.2	19.8
FU4 (25-26)	38.7	23.0	20.8	18.8	19.2
Weighted N	*2564*	*115*	*343*	*578*	*681*

WOMEN

	Percentage Reporting Marijuana Use in Past 12 Months				
Survey Administration (Approximate Age)	**Single**	**Married between FU3 & FU4**	**Married between FU2 & FU3**	**Married between FU1 & FU2**	**Married between BY &FU1**
BY (18)	38.6	39.3	34.4	37.7	34.6
FU1 (19-20)	43.1	42.8	36.6	34.8	23.8
FU2 (21-22)	41.8	39.4	32.1	21.8	18.4
FU3 (23-24)	35.6	29.4	19.6	18.1	16.5
FU4 (25-26)	29.5	17.7	15.3	15.9	13.8
Weighted N	*2792*	*902*	*924*	*744*	*443*

* This table provides data for Figure 3.6 in Bachman et al. (1997).

Notes: 'BY' is the 'Base Year' or senior year survey. 'FU1' is the first follow-up survey, 'FU2' is the second, and so forth.

Table A.6
Heavy Alcohol Use in Past Two Weeks Related to Transitions in Marital Status*

MEN

	Percentage Reporting Heavy Alcohol Use in Past 2 Weeks								
	Marriage Transitions (Time 1 - Time 2 - Time 3)					Divorce Transitions (Time 1 -Time 2 -Time 3)			
	S-S-S	**S-S-M**	**S-E-M**	**S-M-M**	**M-M-M**	**S-M-D**	**M-M-D**	**M-D-D**	**M-D-M**
Time 1	49.6	53.4	51.2	53.5	34.7	63.1	43.3	46.5	42.1
Time 2	53.2	53.0	40.6	38.6	33.8	51.4	43.1	59.0	47.1
Time 3	54.1	39.0	36.1	35.1	30.3	60.3	57.0	60.6	34.8
Weighted N	*13,433*	*1,587*	*957*	*1,167*	*1,778*	*112*	*130*	*86*	*54*

WOMEN

	Percentage Reporting Heavy Alcohol Use in Past 2 Weeks								
	Marriage Transitions (Time 1 - Time 2 - Time 3)					Divorce Transitions (Time 1 -Time 2 -Time 3)			
	S-S-S	**S-S-M**	**S-E-M**	**S-M-M**	**M-M-M**	**S-M-D**	**M-M-D**	**M-D-D**	**M-D-M**
Time 1	31.7	32.9	34.5	31.3	13.8	36.9	16.7	19.7	18.4
Time 2	34.2	30.7	24.2	15.8	12.2	19.6	18.9	33.5	36.0
Time 3	32.9	16.5	16.3	14.2	11.2	36.8	32.9	28.5	20.9
Weighted N	*13,120*	*2,007*	*1,528*	*1,929*	*3,939*	*187*	*311*	*221*	*115*

* This table provides data for Figure 3.7 in Bachman et al. (1997).

Notes: 'S' = Single, 'E' = Engaged, 'M' = Married, 'D' = Divorced.

Table A.7

Proportions of Panel Respondents Who Smoked Cigarettes Daily*

MEN

Modal Age	Daily Smoker but Less Than 1/2 Pack Daily (%)	1/2 Pack or More Daily (%)	1 or More Cigarettes 1 or More Cigarettes Daily (Total of First 2 Columns) (%)
18	5.5	14.6	20.1
19-20	4.9	18.9	23.8
21-22	4.7	21.2	25.9
23-24	3.7	21.9	25.6
25-26	4.1	21.1	25.2
27-28	3.5	21.0	24.5
29-30	3.0	19.6	22.6
31-32	2.6	19.4	21.9

WOMEN

Modal Age	Daily Smoker but Less Than 1/2 Pack Daily (%)	1/2 Pack or More Daily (%)	1 or More Cigarettes Daily (Total of First 2 Columns) (%)
18	9.3	14.8	24.2
19-20	7.8	19.6	27.4
21-22	6.3	21.8	28.0
23-24	5.6	21.1	26.7
25-26	5.0	20.0	25.1
27-28	4.4	18.4	22.8
29-30	4.2	17.1	21.3
31-32	4.1	16.3	20.4

* This table provides data for Figure 4.1 in Bachman et al. (1997).

Notes: Percentages are based on Base Year (high school senior) data, plus Follow-Ups 1-7, from classes of 1976-1981, only. See Table A.65 for weighted Ns by modal age (the weighted N for modal age 18 is equal to the total weighted N). Missing data on the cigarette use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns by drug use measure. Any apparent inconsistency between data in the first two columns and the last column is due to rounding.

Table A.8

Continuation of Smoking Among Those Who Smoked Half-Pack or More Daily During Senior Year in High School*

MEN

		Smoked Half-Pack or More Daily During Senior Year		
Modal Age	*Weighted N*	Did Not Smoke at Follow-Up (%)	Smoked Some, But Less Than Half-Pack Daily at Follow-Up (%)	Smoked Half-Pack or More Daily at Follow-Up (%)
19-20	*1,213*	9.9	10.4	79.7
21-22	*1,071*	13.0	9.5	77.5
23-24	*934*	15.9	9.1	75.0
25-26	*799*	18.4	9.0	72.6
27-28	*672*	19.8	9.6	70.6
29-30	*554*	24.1	8.2	67.7
31-32	*444*	26.2	7.8	66.0

WOMEN

		Smoked Half-Pack or More Daily During Senior Year		
Modal Age	*Weighted N*	Did Not Smoke at Follow-Up (%)	Smoked Some, But Less Than Half-Pack Daily at Follow-Up (%)	Smoked Half-Pack or More Daily at Follow-Up (%)
19-20	*1,565*	8.5	12.7	78.8
21-22	*1,427*	13.5	12.9	73.7
23-24	*1,206*	18.0	12.5	69.5
25-26	*1,022*	19.7	14.5	65.8
27-28	*845*	24.1	12.7	63.2
29-30	*696*	28.4	11.0	60.6
31-32	*533*	31.2	11.0	57.8

* This table provides data for Figure 4.2 in Bachman et al. (1997). Percentages are based on Follow-Ups 1-7, from classes of 1976-1994, and are limited to those who as seniors smoked a half-pack or more daily.

Table A.9
Half-Pack or More Daily Smoking Related to Student Status*

	Percentage Reporting Half-Pack or More Daily Smoking			
	Men		Women	
Student Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Not a Student	15.1 **(18.2)**	21.8 **(25.3)**	15.0 **(18.7)**	19.5 **(23.8)**
Part-Time	10.5 **(11.3)**	15.2 **(17.1)**	11.7 **(12.3)**	14.6 **(16.9)**
Full-Time	5.6 **(5.2)**	8.9 **(8.5)**	6.8 **(6.2)**	10.0 **(9.6)**
Total Sample	12.0 **(11.1)**	17.7 **(16.2)**	12.6 **(11.9)**	16.6 **(16.2)**

* This table provides data for Figure 4.3 in Bachman et al. (1997).

Table A.10
Half-Pack or More Daily Smoking Related to Employment Status *

	Percentage Reporting Half-Pack or More Daily Smoking			
	Men		Women	
Employment Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Full-Time Civilian	**13.9** (16.5)	**19.8** (22.9)	**13.5** (16.3)	**18.2** (21.8)
Full-Time Military	**14.2** (15.4)	**24.9** (26.3)	**12.3** (17.6)	**22.0** (23.7)
Part-Time Job	**7.4** (6.9)	**11.4** (10.3)	**9.9** (8.3)	**13.1** (11.9)
Homemaker	**13.2** (8.2)	**22.4** (13.8)	**17.0** (19.3)	**17.9** (20.9)
Unemployed (& Not a Student)	**18.8** (18.7)	**29.5** (26.8)	**18.6** (20.4)	**24.1** (24.0)
Total Sample	**12.0** (11.1)	**17.7** (16.2)	**12.6** (11.9)	**16.6** (16.2)

* This table provides data for Figure 4.4 in Bachman et al. (1997).

Table A.11
Half-Pack or More Daily Smoking Related to Living Arrangement *

	Percentage Reporting Half-Pack or More Daily Smoking			
	Men		Women	
Living Arrangement at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Married	**14.9** (19.3)	**19.2** (24.2)	**13.9** (16.2)	**15.2** (18.0)
Cohabiting	**17.0** (18.5)	**27.0** (29.0)	**21.8** (23.4)	**29.1** (30.1)
Parents	**12.1** (12.3)	**17.5** (16.7)	**11.7** (12.2)	**16.4** (16.2)
Dorm	**3.3** (3.4)	**6.5** (6.4)	**4.5** (4.5)	**8.0** (7.9)
Alone	**10.7** (13.0)	**17.2** (20.2)	**10.8** (13.1)	**17.8** (20.4)
Other	**10.2** (9.8)	**17.7** (16.6)	**11.4** (10.2)	**18.0** (16.6)
Total Sample	**12.0** (11.1)	**17.7** (16.2)	**12.6** (11.9)	**16.6** (16.2)

* This table provides data for Figure 4.5 in Bachman et al. (1997).

Table A.12
Half-Pack or More Daily Smoking Related to Pregnancy Status *

	Percentage Reporting Half-Pack or More Daily Smoking			
	Men		Women	
Pregnancy Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
(Spouse) Pregnant	**12.4** (17.3)	**17.8** (21.6)	**13.4** (15.8)	**10.7** (13.8)
(Spouse) Not Pregnant	**11.3** (9.3)	**17.1** (14.5)	**11.9** (10.2)	**16.1** (14.3)
Total Sample	**11.3** (9.5)	**17.1** (14.6)	**12.0** (10.4)	**15.8** (14.3)

* This table provides data for Figure 4.6 in Bachman et al. (1997).

Notes: The following notes apply to all tables on this page. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. Percentages displayed in the figures of Bachman et al. (1997) are in bold. See Table A.65 for weighted Ns by variable subgroup. Missing data on the cigarette use measure reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure.

Table A.13
Daily Smoking Related to Student Status

	Percentage Reporting Daily Smoking			
	Men		Women	
Student Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Not a Student	20.9 (25.1)	26.1 (31.1)	24.0 (29.0)	24.9 (31.0)
Part-Time	15.5 (17.0)	19.2 (22.2)	20.3 (21.6)	20.4 (24.2)
Full-Time	9.5 (9.3)	13.0 (12.6)	13.3 (12.5)	16.1 (15.9)
Total Sample	17.3 (16.5)	21.9 (19.5)	20.9 (20.2)	22.3 (20.9)

Table A.14
Daily Smoking Related to Employment Status

	Percentage Reporting Daily Smoking			
	Men		Women	
Employment Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Full-Time Civilian	19.5 (23.1)	23.8 (28.1)	22.3 (26.2)	23.9 (29.0)
Full-Time Military	19.9 (21.2)	29.3 (32.5)	21.4 (25.7)	29.9 (33.5)
Part-Time Job	11.8 (11.4)	15.9 (15.0)	17.5 (15.3)	18.9 (18.5)
Homemaker	21.1 (16.8)	27.2 (17.4)	25.2 (29.2)	21.9 (27.0)
Unemployed (& Not a Student)	26.8 (27.2)	34.9 (33.2)	27.7 (30.0)	29.4 (30.4)
Total Sample	17.3 (16.5)	21.9 (19.5)	20.9 (20.2)	22.3 (20.9)

Table A.15
Daily Smoking Related to Living Arrangement

	Percentage Reporting Daily Smoking			
	Men		Women	
Living Arrangement at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Married	20.6 (27.0)	22.4 (29.3)	22.2 (24.8)	19.0 (23.1)
Cohabiting	24.2 (26.6)	32.7 (35.9)	33.2 (36.4)	36.6 (38.7)
Parents	17.5 (17.9)	22.1 (21.6)	20.2 (20.8)	23.1 (23.5)
Dorm	7.0 (7.1)	9.8 (9.8)	10.0 (9.9)	14.0 (14.0)
Alone	15.4 (19.8)	21.6 (26.9)	18.8 (22.3)	23.8 (27.1)
Other	15.0 (14.7)	22.3 (21.7)	19.1 (18.2)	24.7 (23.7)
Total Sample	17.3 (16.5)	21.9 (19.5)	20.9 (20.2)	22.3 (20.9)

Table A.16
Daily Smoking Related to Pregnancy Status

	Percentage Reporting Daily Smoking			
	Men		Women	
Pregnancy Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
(Spouse) Pregnant	18.3 (22.8)	21.5 (26.9)	22.3 (25.0)	14.1 (18.1)
(Spouse) Not Pregnant	16.4 (14.7)	21.2 (19.4)	19.9 (17.9)	21.5 (21.0)
Total Sample	16.2 (14.8)	21.2 (19.5)	20.0 (18.9)	21.1 (20.9)

Notes: The following notes apply to all tables on this page. The data in these tables are not displayed in any of the figures in Bachman et al. (1997) but are provided here for interested readers. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. See Table A.65 for weighted Ns by variable subgroup. Missing data on the cigarette use measure reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure.

Table A.17
Half-Pack or More Daily Smoking Related to Engagement, Cohabitation, and Marriage *

Living Arrangement and Marital Status at Follow-Up	Men			Women		
		Percentage Reporting Half-Pack or More Daily Smoking			Percentage Reporting Half-Pack or More Daily Smoking	
	Weighted N	Base Year	Follow-Up	*Weighted N*	Base Year	Follow-Up
Married	*13,727*	14.9	19.2	*21,333*	13.9	15.2
Cohabiting and Engaged	*1,151*	15.5	24.1	*1,796*	20.4	26.4
Cohabiting and Not Engaged	*2,001*	17.9	28.7	*2,967*	22.6	30.7
Not Cohabiting and Engaged	*2,254*	11.9	17.9	*3,396*	11.1	14.0
Single	*30,336*	10.2	16.1	*30,352*	10.4	16.0
Total Sample	*49,469*	12.0	17.7	*59,845*	12.6	16.6

* This table provides data for Figure 4.7 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the cigarette use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure.

Table A.18
Half-Pack or More Daily Smoking Related to Transitions in Marital Status *

Marital Transition	Men			Women		
		Percentage Reporting Half-Pack or More Daily Smoking			Percentage Reporting Half-Pack or More Daily Smoking	
	Weighted N	Time X	Time X+2 yrs.	*Weighted N*	Time X	Time X+2 yrs.
Married-Divorced	*530*	28.4	34.2	*945*	26.9	32.1
Divorced-Married	*204*	37.0	29.8	*376*	32.6	25.9
Single-Single	*17,754*	14.9	16.1	*17,357*	15.6	16.1
Single-Engaged	*1,992*	16.2	16.3	*2,736*	16.7	15.2
Single-Married	*2,233*	19.5	19.1	*2,743*	16.6	13.5
Engaged-Married	*1,585*	16.7	15.8	*2,416*	15.2	14.6
Married-Married	*7,987*	19.3	18.5	*13,315*	15.1	14.4
Divorced-Divorced	*397*	38.5	38.7	*887*	35.3	34.4
Total Sample	*33,850*	17.4	17.9	*42,658*	16.8	16.6

* This table provides data for Figure 4.8 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Observations are drawn from two consecutive follow-ups, providing measures at two points in time which cover an interval of 2 years. That is, observations are based on individuals' data from Follow-Ups 1 and 2, Follow-Ups 2 and 3, Follow-Ups 3 and 4, and so forth. Missing data on the cigarette use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure. The marital transitions listed in this table are limited to those which were displayed in the corresponding figure. See Table A.67 for the remaining possible marital transition categories and their weighted Ns.

Table A.19
Mean Change Scores in 30-Day Cigarette Use, Unadjusted and Adjusted, Related to Modal Age*

Modal Age	Men		Women	
	Unadjusted	Adjusted	Unadjusted	Adjusted
19-20	0.151	0.167	0.116	0.090
21-22	0.240	0.239	0.139	0.122
23-24	0.258	0.244	0.127	0.112
25-26	0.245	0.237	0.095	0.105
27-28	0.241	0.237	0.047	0.074
29-30	0.191	0.193	0.003	0.050
31-32	0.174	0.174	-0.025	0.031

* This table provides data for Figure 4.9 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in 30-day cigarette use between base year and modal age indicated. The unadjusted mean change score controls only the follow-up survey interval (or, modal age). The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns by modal age. Missing data on the cigarette use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.20
Proportions of Panel Respondents Who Used Alcohol in the Past Thirty Days*

MEN

Modal Age	Drank Some Alcohol In Past 30 Days But Not Heavily in Past 2 Weeks (%)	Drank Heavily In Past 2 Weeks (%)	Drank Some Alcohol In Past 30 Days (Total of First 2 Columns) (%)
18	27.1	49.2	76.2
19-20	27.8	53.5	81.3
21-22	29.6	55.4	85.0
23-24	33.6	50.6	84.3
25-26	37.3	46.1	83.4
27-28	39.8	42.7	82.5
29-30	41.0	38.3	79.3
31-32	39.7	36.2	76.0

WOMEN

Modal Age	Drank Some Alcohol In Past 30 Days But Not Heavily in Past 2 Weeks (%)	Drank Heavily In Past 2 Weeks (%)	Drank Some Alcohol In Past 30 Days (Total of First 2 Columns) (%)
18	37.7	29.3	67.0
19-20	40.8	33.0	73.8
21-22	44.9	31.4	76.4
23-24	48.7	26.2	74.9
25-26	50.3	21.2	71.5
27-28	49.3	19.1	68.3
29-30	50.6	15.4	66.0
31-32	48.3	15.3	63.6

* This table provides data for Figure 5.1 in Bachman et al (1997).

Notes: "Heavy" alcohol use is defined as having five or more drinks in a row. Percentages are based on Base Year (high school senior) data, plus Follow-Ups 1 - 7, from classes of 1976-1981, only. See Table A.65 for weighted Ns by modal age (the weighted N for modal age 18 is equal to the total weighted N). Missing data on the alcohol use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns by drug use measure. Any apparent inconsistency between data in the first two columns and the last column is due to rounding.

Table A.21
Alcohol Use in Past Thirty Days Related to Student Status*

	Percentage Reporting Alcohol Use in Past Thirty Days			
	Men		Women	
Student Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Not a Student	74.0 **(71.4)**	79.6 **(77.1)**	64.9 **(62.5)**	66.5 **(65.3)**
Part-Time	70.1 **(68.9)**	79.6 **(77.8)**	64.7 **(63.3)**	72.8 **(70.9)**
Full-Time	67.7 **(67.8)**	80.2 **(80.2)**	61.0 **(60.7)**	74.4 **(74.4)**
Total Sample	71.9 **(69.4)**	79.7 **(78.8)**	63.9 **(61.7)**	69.2 **(70.4)**

* This table provides data for Figure 5.2 in Bachman et al. (1997).

Table A.22
Heavy Alcohol Use in Past Two Weeks Related to Student Status*

	Percentage Reporting Heavy Alcohol Use in Past Two Weeks			
	Men		Women	
Student Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Not a Student	48.5 **(48.1)**	45.5 **(49.5)**	29.5 **(30.3)**	22.0 **(26.5)**
Part-Time	44.2 **(44.4)**	43.3 **(47.8)**	27.6 **(27.9)**	23.7 **(28.2)**
Full-Time	39.7 **(39.9)**	50.0 **(52.0)**	23.7 **(23.5)**	32.2 **(34.4)**
Total Sample	45.7 **(43.7)**	46.6 **(50.7)**	27.8 **(26.7)**	25.0 **(30.7)**

* This table provides data for Figure 5.3 in Bachman et al. (1997).

Table A.23
Alcohol Use in Past Thirty Days Related to Employment Status *

	Percentage Reporting Alcohol Use in Past Thirty Days			
	Men		Women	
Employment Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Full-Time Civilian	**74.3** (72.3)	**80.4** (78.3)	**66.1** (64.9)	**71.8** (71.1)
Full-Time Military	**70.5** (70.2)	**81.8** (82.5)	**59.6** (58.7)	**71.1** (70.0)
Part-Time Job	**66.2** (65.9)	**78.4** (78.5)	**61.9** (60.0)	**70.2** (71.8)
Homemaker	**61.5** (58.0)	**59.8** (62.5)	**62.0** (58.2)	**50.0** (48.8)
Unemployed (& Not a Student)	**71.3** (68.1)	**73.1** (69.5)	**58.4** (56.8)	**56.5** (56.4)
Total Sample	**71.9** (69.4)	**79.7** (78.8)	**63.9** (61.7)	**69.2** (70.4)

* This table provides data for Figure 5.4 in Bachman et al. (1997).

Table A.24
Heavy Alcohol Use in Past Two Weeks Related to Employment Status*

	Percentage Reporting Heavy Alcohol Use in Past Two Weeks			
	Men		Women	
Employment Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Full-Time Civilian	**48.2** (47.7)	**45.1** (49.4)	**29.6** (30.5)	**24.7** (29.5)
Full-Time Military	**44.0** (44.1)	**48.3** (53.0)	**23.6** (29.7)	**27.5** (28.9)
Part-Time Job	**39.4** (39.4)	**47.3** (48.9)	**25.6** (24.5)	**26.6** (31.0)
Homemaker	**37.6** (32.1)	**30.5** (34.2)	**27.9** (25.9)	**11.1** (14.3)
Unemployed (& Not a Student)	**48.8** (46.9)	**46.3** (47.3)	**28.0** (28.0)	**19.3** (22.5)
Total Sample	**45.7** (43.7)	**46.6** (50.7)	**27.8** (26.7)	**25.0** (30.7)

* This table provides data for Figure 5.5 in Bachman et al. (1997).

Notes: The following notes apply to all tables on this page. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. Percentages displayed in the figures of Bachman et al. (1997) are in bold. See Table A.65 for weighted Ns by variable subgroup. Missing data on the alcohol use variable reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure. "Heavy alcohol use" is defined as having 5 or more drinks in a row.

Table A.25
Alcohol Use in Past Thirty Days Related to Living Arrangement *

	Percentage Reporting Alcohol Use in Past Thirty Days							
	Men				Women			
Living Arrangement at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Married	**73.4**	(68.6)	**75.2**	(71.0)	**64.4**	(58.2)	**58.6**	(53.2)
Cohabiting	**81.6**	(79.8)	**87.8**	(88.2)	**74.4**	(72.3)	**80.0**	(77.0)
Parents	**68.9**	(68.2)	**76.6**	(74.7)	**59.9**	(59.4)	**68.5**	(67.0)
Dorm	**64.7**	(65.4)	**80.8**	(80.8)	**59.0**	(59.4)	**76.7**	(77.0)
Alone	**71.8**	(71.8)	**84.4**	(84.0)	**63.9**	(66.7)	**81.1**	(79.9)
Other	**74.5**	(72.7)	**86.2**	(85.5)	**66.7**	(67.7)	**80.6**	(82.6)
Total Sample	**71.9**	(69.4)	**79.7**	(78.8)	**63.9**	(61.7)	**69.2**	(70.4)

* This table provides data for Figure 5.6 in Bachman et al. (1997).

Table A.26
Heavy Alcohol Use in Past Two Weeks Related to Living Arrangement *

	Percentage Reporting Heavy Alcohol Use in Past Two Weeks							
	Men				Women			
Living Arrangement at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Married	**48.2**	(46.0)	**34.5**	(36.8)	**28.5**	(25.9)	**13.2**	(14.1)
Cohabiting	**56.8**	(55.1)	**54.2**	(58.2)	**38.0**	(37.4)	**32.3**	(33.3)
Parents	**43.2**	(43.4)	**46.6**	(46.2)	**25.2**	(25.4)	**26.5**	(27.1)
Dorm	**34.8**	(35.1)	**51.8**	(52.2)	**20.9**	(21.2)	**37.8**	(38.4)
Alone	**44.1**	(47.8)	**49.2**	(53.8)	**26.2**	(29.5)	**28.6**	(34.6)
Other	**47.5**	(47.0)	**58.4**	(61.1)	**29.9**	(31.6)	**37.7**	(44.4)
Total Sample	**45.7**	(43.7)	**46.6**	(50.7)	**27.8**	(26.7)	**25.0**	(30.7)

* This table provides data for Figure 5.7 in Bachman et al. (1997).

Table A.27
Alcohol Use in Past Thirty Days Related to Pregnancy Status *

	Percentage Reporting Alcohol Use in Past Thirty Days							
	Men				Women			
Pregnancy Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
(Spouse) Pregnant	**70.8**	(65.0)	**71.0**	(70.2)	**63.9**	(56.1)	**20.9**	(21.0)
(Spouse) Not Pregnant	**71.1**	(66.3)	**79.4**	(77.2)	**63.2**	(59.3)	**70.8**	(70.1)
Total Sample	**71.0**	(66.3)	**79.0**	(77.1)	**63.3**	(59.2)	**68.0**	(68.3)

* This table provides data for Figure 5.8 in Bachman et al. (1997).

Table A.28
Heavy Alcohol Use in Past Two Weeks Related to Pregnancy Status *

	Percentage Reporting Heavy Alcohol Use in Past Two Weeks							
	Men				Women			
Pregnancy Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
(Spouse) Pregnant	**47.7**	(44.8)	**30.8**	(36.7)	**27.7**	(24.9)	**2.2**	(4.8)
(Spouse) Not Pregnant	**45.0**	(41.2)	**45.9**	(49.4)	**27.5**	(25.6)	**25.0**	(31.0)
Total Sample	**45.1**	(41.3)	**45.2**	(49.2)	**27.5**	(25.6)	**23.7**	(30.0)

* This table provides data for Figure 5.9 in Bachman et al. (1997).

Notes: The following notes apply to all tables on this page. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. Percentages displayed in the figures of Bachman et al. (1997) are in bold. See Table A.65 for weighted Ns by variable subgroup. Missing data on the alcohol use variable reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure. "Heavy alcohol use" is defined as having 5 or more drinks in a row.

Table A.29

Alcohol Use in Past Thirty Days Related to Engagement, Cohabitation, and Marriage *

Living Arrangement and Marital Status at Follow-Up	Men			Women		
		Percentage Reporting Alcohol Use in Past Thirty Days			Percentage Reporting Alcohol Use in Past Thirty Days	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
Married	*13,727*	73.4	75.2	*21,333*	64.4	58.6
Cohabiting and Engaged	*1,151*	79.7	86.3	*1,796*	74.7	77.0
Cohabiting and Not Engaged	*2,001*	82.7	88.7	*2,967*	74.3	81.8
Not Cohabiting and Engaged	*2,254*	69.9	77.2	*3,396*	60.5	68.4
Single	*30,336*	70.4	81.2	*30,352*	62.2	75.1
Total Sample	*49,469*	71.9	79.7	*59,845*	63.9	69.2

* This table provides data for Figure 5.10 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.30

Heavy Alcohol Use in Past Two Weeks Related to Engagement, Cohabitation, and Marriage *

Living Arrangement and Marital Status at Follow-Up	Men			Women		
		Percentage Reporting Heavy Alcohol Use in Past 2 Wks.			Percentage Reporting Heavy Alcohol Use in Past 2 Wks.	
	Weighted N	**Base Year**	**Follow-Up**	*Weighted N*	**Base Year**	**Follow-Up**
Married	*13,727*	48.2	34.5	*21,333*	28.5	13.2
Cohabiting and Engaged	*1,151*	56.7	50.2	*1,796*	36.4	27.4
Cohabiting and Not Engaged	*2,001*	56.9	56.5	*2,967*	38.9	35.2
Not Cohabiting and Engaged	*2,254*	42.5	39.0	*3,396*	23.6	21.2
Single	*30,336*	43.6	51.8	*30,352*	26.2	32.5
Total Sample	*49,469*	45.7	46.6	*59,845*	27.8	25.0

* This table provides data for Figure 5.11 in Bachman et al. (1997).

Notes: "Heavy alcohol use" is defined as having 5 or more drinks in a row. Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.31
Alcohol Use in Past Thirty Days Related to Transitions in Marital Status *

Marital Transition	Men			Women		
		Percentage Reporting Alcohol Use in Past Thirty Days			Percentage Reporting Alcohol Use in Past Thirty Days	
	Weighted N	Time X	Time X+2 yrs.	*Weighted N*	Time X	Time X+2 yrs.
Married-Divorced	*530*	81.7	86.4	*945*	66.4	78.6
Divorced-Married	*204*	87.7	78.0	*376*	77.9	63.8
Single-Single	*17,754*	81.7	84.0	*17,357*	76.3	78.0
Single-Engaged	*1,992*	83.3	82.1	*2,736*	77.8	76.6
Single-Married	*2,233*	81.6	78.0	*2,743*	75.3	64.7
Engaged-Married	*1,585*	80.3	80.0	*2,416*	73.2	66.6
Married-Married	*7,987*	75.2	73.0	*13,315*	58.3	56.2
Divorced-Divorced	*397*	88.7	86.4	*887*	77.0	73.2
Total Sample	*33,850*	80.4	80.7	*42,658*	70.1	69.2

* This table provides data for Figure 5.12 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Observations are drawn from two consecutive follow-ups, providing measures at two points in time which cover an interval of 2 years. That is, observations are based on individuals' data from Follow-Ups 1 and 2, Follow-Ups 2 and 3, Follow-Ups 3 and 4, and so forth. Missing data on the alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure. The marital transitions listed in this table are limited to those which were displayed in the corresponding figure. See Table A.67 for the remaining possible marital transition categories and their weighted Ns.

Table A.32
Heavy Alcohol Use in Past Two Weeks Related to Transitions in Marital Status *

Marital Transition	Men			Women		
		Percentage Reporting Heavy Alcohol Use in Past 2 Wks.			Percentage Reporting Heavy Alcohol Use in Past 2 Wks.	
	Weighted N	Time X	Time X+2 yrs.	*Weighted N*	Time X	Time X+2 yrs.
Married-Divorced	*530*	43.1	54.5	*945*	20.5	31.7
Divorced-Married	*204*	51.7	36.4	*376*	32.2	17.1
Single-Single	*17,754*	52.5	53.1	*17,357*	33.8	32.3
Single-Engaged	*1,992*	52.0	43.6	*2,736*	35.1	24.6
Single-Married	*2,233*	51.9	38.6	*2,743*	30.2	16.9
Engaged-Married	*1,585*	41.8	37.6	*2,416*	23.4	15.8
Married-Married	*7,987*	34.5	32.0	*13,315*	13.0	11.6
Divorced-Divorced	*397*	60.1	54.7	*887*	29.7	28.2
Total Sample	*33,850*	47.5	45.8	*42,658*	25.9	23.1

* This table provides data for Figure 5.13 in Bachman et al. (1997).

Notes: "Heavy alcohol use" is defined as having 5 or more drinks in a row. Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Observations are drawn from two consecutive follow-ups, providing measures at two points in time which cover an interval of 2 years. That is, observations are based on individuals' data from Follow-Ups 1 and 2, Follow-Ups 2 and 3, Follow-Ups 3 and 4, and so forth. Missing data on the alcohol use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure. The marital transitions listed in this table are limited to those which were displayed in the corresponding figure. See Table A.67 for the remaining possible marital transition categories and their weighted Ns.

Table A.33
Mean Change Scores in Two-Week Heavy Alcohol Use, Unadjusted and Adjusted, Related to Student Status (for Follow-Up Respondents Modal Ages 19-22, only)*

	MEN		WOMEN	
Student Status	**Unadjusted**	**Adjusted**	**Unadjusted**	**Adjusted**
Full-Time	0.332	0.203	0.234	0.077
Part-Time	0.065	0.130	-0.036	0.031
Not a Student	-0.017	0.124	-0.113	0.062

* This table provides data for Figure 5.14 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in two-week heavy alcohol use between base year and follow-up, where heavy alcohol use is defined as having five or more drinks in a row. The unadjusted mean change score only controls student status. The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns for each student status category. Missing data on the alcohol use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.34
Mean Change Scores in Two-Week Heavy Alcohol Use, Unadjusted and Adjusted, Related to Living Arrangement (for Follow-Up Respondents Modal Ages 19-22, only)*

	MEN		WOMEN	
Living Arrangement	**Unadjusted**	**Adjusted**	**Unadjusted**	**Adjusted**
Married	-0.300	-0.229	-0.304	-0.217
Partner	-0.099	0.007	-0.159	-0.059
Parents	0.051	0.102	0.003	0.023
Dorm	0.463	0.343	0.396	0.277
Alone	0.101	0.112	0.123	0.120
Other	0.401	0.337	0.299	0.253

* This table provides data for Figure 5.15 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in two-week heavy alcohol use between base year and follow-up, where heavy alcohol use is defined as having five or more drinks in a row. The unadjusted mean change score only controls living arrangement. The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns for each living arrangement category. Missing data on the alcohol use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.35
Mean Change Scores in 30-Day Alcohol Use, Unadjusted and Adjusted, Related to Modal Age*

	MEN		WOMEN	
Modal Age	**Unadjusted**	**Adjusted**	**Unadjusted**	**Adjusted**
19-20	0.319	0.200	0.241	0.036
21-22	0.554	0.471	0.306	0.199
23-24	0.486	0.470	0.182	0.181
25-26	0.369	0.421	0.055	0.154
27-28	0.283	0.393	-0.030	0.136
29-30	0.156	0.322	-0.168	0.069
31-32	0.129	0.339	-0.212	0.057

* This table provides data for Figure 5.16 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in 30-day alcohol use between base year and modal age indicated. The unadjusted mean change score controls only the follow-up survey interval (or, modal age). The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns by modal age. Missing data on the alcohol use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.36
Mean Change Scores in Two-Week Heavy Alcohol Use, Unadjusted and Adjusted, Related to Modal Age*

	MEN		WOMEN	
Modal Age	**Unadjusted**	**Adjusted**	**Unadjusted**	**Adjusted**
19-20	0.131	-0.030	0.080	-0.061
21-22	0.200	0.104	0.052	-0.012
23-24	0.028	0.029	-0.104	-0.086
25-26	-0.140	-0.057	-0.205	-0.133
27-28	-0.245	-0.105	-0.262	-0.157
29-30	-0.353	-0.165	-0.326	-0.191
31-32	-0.385	-0.166	-0.352	-0.202

* This table provides data for Figure 5.17 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in two-week heavy alcohol use between base year and modal age indicated, where heavy alcohol use is defined as having five or more drinks in a row. The unadjusted mean change score controls only the follow-up survey interval (or, modal age). The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns by modal age. Missing data on the alcohol use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.37
Proportions of Panel Respondents Who Used Marijuana in Past 12 Months*

MEN

Years	High School Seniors Who Used Marijuana in Past 12 Months (%)	High School Seniors Who Used Marijuana in Past 30 Days (%)	Modal Age	Used Marijuana in Past Year, But Not Past Month (%)	Used Marijuana in Past Month (%)	Used Marijuana in Past 12 Months (%) (Total of Previous 2 Columns)
1976-81	52.8	38.9	**18**	14.9	35.2	50.2
1977-83	51.1	36.6	**19-20**	15.2	37.6	52.8
1979-85	48.0	33.0	**21-22**	15.1	36.2	51.3
1981-87	44.0	29.0	**23-24**	14.3	31.3	45.6
1983-89	39.8	25.0	**25-26**	14.9	25.5	40.4
1985-91	35.1	21.1	**27-28**	11.4	21.2	32.6
1987-93	30.7	17.8	**29-30**	9.4	17.3	26.7
1989-95	30.3	18.2	**31-32**	8.9	14.6	23.5

WOMEN

Years	High School Seniors Who Used Marijuana in Past 12 Months (%)	High School Seniors Who Used Marijuana in Past 30 Days (%)	Modal Age	Used Marijuana in Past Year, But Not Past Month (%)	Used Marijuana in Past Month (%)	Used Marijuana in Past 12 Months (%) (Total of Previous 2 Columns)
1976-81	42.8	29.1	**18**	14.2	27.7	41.9
1977-83	42.4	27.8	**19-20**	15.4	28.4	43.8
1979-85	40.6	25.2	**21-22**	16.6	25.1	41.7
1981-87	37.8	22.1	**23-24**	14.2	21.3	35.5
1983-89	33.9	18.7	**25-26**	12.5	16.2	28.7
1985-91	29.9	16.0	**27-28**	9.6	12.2	21.8
1987-93	25.3	13.3	**29-30**	8.1	8.8	16.9
1989-95	24.0	13.0	**31-32**	6.0	8.0	13.9

* This table provides data for Figure 6.1 in Bachman et al. (1997).

Notes: Percentages in last three columns are based on Base Year (high school senior) data, plus Follow-Ups 1 - 7, from classes of 1976-1981, only. See Table A.65 for weighted Ns by modal age (the weighted N for modal age 18 is equal to the total weighted N). Missing data on the marijuana use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns by drug use measure. Any apparent inconsistency between the last (total) column and the previous two columns is due to rounding. Percentages in second and third columns are based on Base Year data from years indicated. Senior samples included approximately 8,000 men and 8,000 women each year.

Table A.38
Marijuana Use in Past Thirty Days Related to Student Status*

Student Status at Follow-Up	Percentage Reporting Marijuana Use in Past Thirty Days			
	Men		Women	
	Base Year	Follow-Up	Base Year	Follow-Up
Not a Student	30.8 **(30.0)**	21.7 **(26.3)**	24.1 **(24.1)**	13.7 **(19.6)**
Part-Time	27.2 **(26.4)**	20.8 **(26.4)**	23.9 **(21.7)**	14.6 **(19.0)**
Full-Time	20.9 **(20.0)**	23.2 **(24.4)**	16.8 **(15.9)**	16.6 **(17.4)**
Total Sample	27.7 **(24.7)**	22.0 **(25.4)**	22.2 **(19.8)**	14.6 **(18.5)**

* This table provides data for Figure 6.2 in Bachman et al. (1997)

Table A.39
Marijuana Use in Past Thirty Days Related to Employment Status *

Employment Status at Follow-Up	Percentage Reporting Marijuana Use in Past Thirty Days			
	Men		Women	
	Base Year	Follow-Up	Base Year	Follow-Up
Full-Time Civilian	**29.8** (28.2)	**21.4** (26.7)	**23.5** (23.2)	**14.2** (20.0)
Full-Time Military	**28.4** (26.8)	**9.2** (13.5)	**17.2** (17.3)	**4.9** (7.3)
Part-Time Job	**22.5** (20.8)	**23.3** (23.9)	**19.8** (17.0)	**15.1** (16.9)
Homemaker	**28.4** (25.3)	**22.4** (21.1)	**23.9** (22.0)	**9.0** (12.8)
Unemployed (& Not a Student)	**35.8** (32.8)	**29.8** (30.7)	**25.4** (23.7)	**16.8** (20.2)
Total Sample	**27.7** (24.7)	**22.0** (25.4)	**22.2** (19.8)	**14.6** (18.5)

* This table provides data for Figure 6.3 in Bachman et al. (1997).

Table A.40
Marijuana Use in Past Thirty Days Related to Living Arrangement *

Living Arrangement at Follow-Up	Percentage Reporting Marijuana Use in Past Thirty Days			
	Men		Women	
	Base Year	Follow-Up	Base Year	Follow-Up
Married	**28.9** (26.4)	**13.4** (16.5)	**22.7** (19.8)	**8.4** (11.2)
Cohabiting	**41.3** (37.0)	**34.6** (38.2)	**34.3** (32.5)	**26.3** (29.8)
Parents	**25.2** (24.3)	**22.3** (23.3)	**19.8** (19.1)	**15.0** (16.6)
Dorm	**17.5** (17.4)	**24.5** (25.2)	**13.7** (13.7)	**18.2** (18.4)
Alone	**27.9** (27.9)	**22.4** (27.9)	**21.5** (24.0)	**14.9** (22.6)
Other	**29.6** (27.2)	**29.0** (29.8)	**23.5** (22.0)	**20.2** (24.1)
Total Sample	**27.7** (24.7)	**22.0** (25.4)	**22.2** (19.8)	**14.6** (18.5)

* This table provides data for Figure 6.4 in Bachman et al. (1997)

Table A.41
Marijuana Use in Past Thirty Days Related to Pregnancy Status*

Pregnancy Status at Follow-Up	Percentage Reporting Marijuana Use in Past Thirty Days			
	Men		Women	
	Base Year	Follow-Up	Base Year	Follow-Up
(Spouse) Pregnant	**29.3** (25.3)	**13.3** (18.4)	**21.9** (18.8)	**4.1** (5.2)
(Spouse) Not Pregnant	**26.0** (19.6)	**19.2** (20.0)	**21.0** (16.2)	**12.7** (15.1)
Total Sample	**26.1** (19.7)	**19.0** (20.0)	**21.1** (16.3)	**12.3** (14.7)

* This table provides data for Figure 6.5 in Bachman et al. (1997)

Notes: The following notes apply to all tables on this page. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. Percentages displayed in the figures of Bachman et al. (1997) are in bold. See Table A.65 for weighted Ns by variable subgroup. Missing data on the marijuana use variable reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure.

Table A.42
Marijuana Use in Past Twelve Months Related to Student Status

	Percentage Reporting Marijuana Use in Past Twelve Months			
	Men		Women	
Student Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Not a Student	45.4 (43.7)	33.2 (39.3)	38.8 (38.8)	24.6 (33.5)
Part-Time	41.7 (39.4)	33.9 (40.5)	38.9 (36.4)	27.8 (34.2)
Full-Time	35.3 (34.3)	38.4 (39.6)	29.8 (28.8)	31.8 (33.3)
Total Sample	42.2 (38.6)	34.7 (39.6)	36.4 (33.6)	26.9 (33.5)

Table A.43
Marijuana Use in Past Twelve Months Related to Employment Status

	Percentage Reporting Marijuana Use in Past Twelve Months			
	Men		Women	
Employment Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Full-Time Civilian	44.5 (41.9)	33.2 (40.0)	38.5 (38.1)	26.2 (34.9)
Full-Time Military	43.6 (41.2)	19.2 (27.1)	30.0 (31.6)	13.2 (18.6)
Part-Time Job	36.2 (34.3)	37.8 (38.6)	33.1 (30.3)	28.2 (31.8)
Homemaker	44.4 (37.8)	32.6 (35.8)	38.2 (35.6)	16.8 (24.5)
Unemployed (& Not a Student)	49.7 (45.8)	43.5 (43.0)	39.3 (36.7)	28.7 (33.8)
Total Sample	42.2 (38.6)	34.7 (39.6)	36.4 (33.6)	26.9 (33.5)

Table A.44
Marijuana Use in Past Twelve Months Related to Living Arrangement

	Percentage Reporting Marijuana Use in Past Twelve Months			
	Men		Women	
Living Arrangement at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
Married	44.2 (41.8)	21.7 (26.0)	37.4 (33.9)	15.6 (21.1)
Cohabiting	58.0 (53.6)	50.4 (54.8)	51.5 (49.7)	43.8 (49.5)
Parents	38.1 (37.0)	35.3 (36.6)	32.6 (32.1)	28.3 (30.5)
Dorm	31.2 (31.3)	39.6 (40.3)	25.5 (25.7)	34.1 (34.6)
Alone	43.0 (43.6)	35.5 (42.0)	36.4 (37.4)	28.8 (38.9)
Other	45.1 (42.3)	45.4 (46.3)	39.1 (38.1)	37.6 (43.2)
Total Sample	42.2 (38.6)	34.7 (39.6)	36.4 (33.6)	26.9 (33.5)

Table A.45
Marijuana Use in Past Twelve Months Related to Pregnancy Status

	Percentage Reporting Marijuana Use in Past Twelve Months			
	Men		Women	
Pregnancy Status at Follow-Up	Base Year	Follow-Up	Base Year	Follow-Up
(Spouse) Pregnant	43.9 (41.2)	23.3 (34.5)	36.5 (32.4)	15.9 (21.7)
(Spouse) Not Pregnant	40.5 (33.1)	31.5 (33.7)	35.4 (29.9)	24.4 (29.6)
Total Sample	40.6 (33.3)	31.1 (33.8)	35.5 (30.0)	23.9 (29.3)

Notes: The following notes apply to all tables on this page. The data in these tables are not displayed in any of the figures in Bachman et al. (1997) but are provided here for interested readers. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. See Table A.65 for weighted Ns by variable subgroup. Missing data on the marijuana use variable reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure.

Table A.46
Marijuana Use in Past Thirty Days Related to Engagement, Cohabitation, and Marriage *

Living Arrangement and Marital Status at Follow-Up	Men			Women		
		Percentage Reporting Marijuana Use in Past Thirty Days			Percentage Reporting Marijuana Use in Past Thirty Days	
	Weighted N	Base Year	Follow-Up	*Weighted N*	Base Year	Follow-Up
Married	*13,727*	28.9	13.4	*21,333*	22.7	8.4
Cohabiting and Engaged	*1,151*	37.8	28.2	*1,796*	31.9	21.0
Cohabiting and Not Engaged	*2,001*	43.4	38.4	*2,967*	35.8	29.5
Not Cohabiting and Engaged	*2,254*	22.4	15.4	*3,396*	17.6	11.2
Single	*30,336*	26.2	25.2	*30,352*	20.4	17.4
Total Sample	*49,469*	27.7	22.0	*59,845*	22.2	14.6

* This table provides data for Figure 6.6 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the marijuana use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure.

Table A.47
Marijuana Use in Past Thirty Days Related to Transitions in Marital Status *

Marital Transition	Men			Women		
		Percentage Reporting Marijuana Use in Past Thirty Days			Percentage Reporting Marijuana Use in Past Thirty Days	
	Weighted N	Time X	Time X+2 yrs.	*Weighted N*	Time X	Time X+2 yrs.
Married-Divorced	*530*	23.2	26.3	*945*	16.7	19.2
Divorced-Married	*204*	23.0	16.8	*376*	16.2	10.4
Single-Single	*17,754*	27.2	25.0	*17,357*	19.6	16.9
Single-Engaged	*1,992*	23.4	18.7	*2,736*	18.7	13.4
Single-Married	*2,233*	22.9	15.8	*2,743*	16.9	9.8
Engaged-Married	*1,585*	18.1	14.3	*2,416*	12.9	9.9.
Married-Married	*7,987*	13.9	12.0	*13,315*	8.6	7.2
Divorced-Divorced	*397*	35.0	32.7	*887*	18.6	15.7
Total Sample	*33,850*	23.1	20.5	*42,658*	15.5	12.9

* This table provides data for Figure 6.7 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Observations are drawn from two consecutive follow-ups, providing measures at two points in time which cover an interval of 2 years. That is, observations are based on individuals' data from Follow-Ups 1 and 2, Follow-Ups 2 and 3, Follow-Ups 3 and 4, and so forth. Missing data on the marijuana use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure. The marital transitions listed in this table are limited to those which were displayed in the corresponding figure. See Table A.67 for the remaining possible marital transition categories and their weighted Ns.

Table A.48
Mean Change Scores in 30-Day Marijuana Use, Unadjusted and Adjusted, Related to Modal Age*

Modal Age	Men		Women	
	Unadjusted	Adjusted	Unadjusted	Adjusted
19-20	0.060	0.022	-0.003	-0.029
21-22	0.017	-0.005	-0.070	-0.087
23-24	-0.129	-0.134	-0.161	-0.166
25-26	-0.273	-0.257	-0.274	-0.263
27-28	-0.414	-0.380	-0.379	-0.357
29-30	-0.542	-0.493	-0.459	-0.419
31-32	-0.641	-0.577	-0.535	-0.489

* This table provides data for Figure 6.8 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in 30-day marijuana use between base year and modal age indicated. The unadjusted mean change score controls only the follow-up survey interval (or, modal age). The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns by modal age. Missing data on the marijuana use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.49
Proportions of Panel Respondents Who Used Cocaine in Past 12 Months*

MEN

Years	High School Seniors Who Used Cocaine in Past 12 Months (%)	High School Seniors Who Used Cocaine in Past 30 Days (%)	Modal Age	Used Cocaine in Past Year, But Not Past Month (%)	Used Cocaine in Past Month (%)	Used Cocaine in Past 12 Months (%) (Total of Previous 2 Columns)
1976-81	11.7	4.9	18	6.3	4.2	10.5
1977-83	12.5	5.4	19-20	9.8	7.4	17.3
1979-85	13.6	6.2	21-22	13.6	11.3	24.8
1981-87	13.1	6.1	23-24	14.7	11.5	26.2
1983-89	11.6	5.4	25-26	13.3	10.0	23.3
1985-91	9.3	4.2	27-28	11.1	6.8	17.9
1987-93	6.3	2.6	29-30	7.7	4.5	12.2
1989-95	4.8	1.9	31-32	5.6	3.1	8.7

WOMEN

Years	High School Seniors Who Used Cocaine in Past 12 Months (%)	High School Seniors Who Used Cocaine in Past 30 Days (%)	Modal Age	Used Cocaine in Past Year, But Not Past Month (%)	Used Cocaine in Past Month (%)	Used Cocaine in Past 12 Months (%) (Total of Previous 2 Columns)
1976-81	7.5	3.3	18	3.7	2.9	6.6
1977-83	8.4	3.7	19-20	7.2	4.8	12.0
1979-85	9.7	4.4	21-22	9.8	6.6	16.3
1981-87	9.8	4.4	23-24	9.7	7.4	17.0
1983-89	8.5	3.8	25-26	8.4	5.5	13.9
1985-91	7.0	3.0	27-28	6.6	3.7	10.4
1987-93	4.5	1.7	29-30	4.1	2.1	6.2
1989-95	3.0	1.1	31-32	2.9	1.5	4.4

* This table provides data for Figure 7.1 in Bachman et al. (1997).

Notes: Percentages in last three columns are based on Base Year (high school senior) data, plus Follow-Ups 1 - 7, from classes of 1976-1981, only. See Table A.65 for weighted Ns by modal age (the weighted N for modal age 18 is equal to the total weighted N). Missing data on the cocaine use measure reduce the variable subgroup weighted Ns proportionately; see Table A.66 for total weighted Ns by drug use measure. Any apparent inconsistency between the last (total) column and the previous two columns is due to rounding. Percentages in second and third columns are based on Base Year data from years indicated. Senior samples included approximately 8,000 men and 8,000 women each year.

Table A.50
Cocaine Use in Past Thirty Days Related to Student Status*

	Percentage Reporting Cocaine Use in Past Thirty Days							
	Men				Women			
Student Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Not a Student	4.5	**(5.0)**	6.0	**(6.7)**	3.0	**(3.2)**	3.4	**(4.4)**
Part-Time	4.3	**(4.7)**	5.5	**(6.2)**	3.5	**(3.5)**	3.6	**(4.2)**
Full-Time	2.8	**(2.5)**	4.8	**(4.8)**	2.1	**(1.8)**	3.0	**(2.9)**
Total Sample	4.0	**(3.7)**	5.6	**(5.7)**	2.8	**(2.6)**	3.3	**(3.7)**

* This table provides data for Figure 7.2 in Bachman et al. (1997)

Table A.51
Cocaine Use in Past Thirty Days Related to Employment Status*

	Percentage Reporting Cocaine Use in Past Thirty Days							
	Men				Women			
Employment Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Full-Time Civilian	**4.4**	(4.9)	**5.9**	(6.6)	**3.0**	(3.3)	**3.7**	(4.5)
Full-Time Military	**3.5**	(3.5)	**1.9**	(2.5)	**2.7**	(3.3)	**1.1**	(1.6)
Part-Time Job	**3.1**	(2.7)	**5.3**	(5.2)	**2.6**	(2.2)	**3.1**	(3.3)
Homemaker	**4.5**	(3.9)	**6.5**	(3.9)	**2.5**	(2.0)	**1.8**	(2.3)
Unemployed (& Not a Student)	**5.7**	(5.5)	**7.9**	(7.6)	**3.1**	(3.0)	**4.2**	(4.3)
Total Sample	**4.0**	(3.7)	**5.6**	(5.7)	**2.8**	(2.6)	**3.3**	(3.7)

* This table provides data for Figure 7.3 in Bachman et al. (1997)

Table A.52
Cocaine Use in Past Thirty Days Related to Living Arrangement *

	Percentage Reporting Cocaine Use in Past Thirty Days							
	Men				Women			
Living Arrangement at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Married	**3.6**	(3.6)	**2.7**	(2.9)	**2.6**	(2.2)	**1.5**	(1.6)
Cohabiting	**7.4**	(7.6)	**9.2**	(9.3)	**5.3**	(5.5)	**7.5**	(7.4)
Parents	**4.1**	(3.9)	**6.1**	(5.5)	**2.7**	(2.6)	**3.5**	(3.5)
Dorm	**1.7**	(1.7)	**3.9**	(4.0)	**1.2**	(1.2)	**2.3**	(2.3)
Alone	**4.0**	(4.2)	**6.0**	(6.9)	**2.7**	(2.8)	**4.4**	(6.4)
Other	**4.4**	(4.0)	**8.5**	(7.6)	**3.0**	(2.9)	**5.1**	(5.6)
Total Sample	**4.0**	(3.7)	**5.6**	(5.7)	**2.8**	(2.6)	**3.3**	(3.7)

* This table provides data for Figure 7.4 in Bachman et al. (1997)

Table A.53
Cocaine Use in Past Thirty Days Related to Pregnancy Status *

	Percentage Reporting Cocaine Use in Past Thirty Days							
	Men				Women			
Pregnancy Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
(Spouse) Pregnant	**4.2**	(4.3)	**2.9**	(2.7)	**2.4**	(2.1)	**0.6**	(0.8)
(Spouse) Not Pregnant	**4.0**	(3.4)	**4.9**	(4.3)	**2.9**	(2.5)	**3.0**	(3.0)
Total Sample	**4.0**	(3.4)	**4.8**	(4.2)	**2.9**	(2.5)	**2.8**	(2.9)

* This table provides data for Figure 7.5 in Bachman et al. (1997)

Notes: The following notes apply to all tables on this page. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. Percentages displayed in the figures of Bachman et al. (1997) are in bold. See Table A.65 for weighted Ns by variable subgroup. Missing data on the cocaine use variable reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure.

Table A.54
Cocaine Use in Past Twelve Months Related to Student Status

	Percentage Reporting Cocaine Use in Past Twelve Months							
	Men				Women			
Student Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Not a Student	10.5	(11.3)	14.7	(15.6)	6.9	(7.4)	8.9	(11.1)
Part-Time	10.2	(10.1)	14.4	(15.7)	8.6	(8.6)	9.4	(11.0)
Full-Time	6.7	(6.1)	12.3	(12.0)	5.0	(4.6)	8.1	(7.9)
Total Sample	9.4	(8.6)	14.0	(13.8)	6.6	(6.1)	8.8	(9.5)

Table A.55
Cocaine Use in Past Twelve Months Related to Employment Status

	Percentage Reporting Cocaine Use in Past Twelve Months							
	Men				Women			
Employment Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Full-Time Civilian	10.4	(10.7)	14.4	(15.3)	6.9	(7.5)	9.5	(11.4)
Full-Time Military	7.7	(8.5)	6.5	(8.9)	8.0	(7.5)	5.5	(7.5)
Part-Time Job	7.4	(6.8)	12.7	(12.0)	6.1	(5.3)	8.2	(8.5)
Homemaker	10.7	(11.3)	11.7	(8.8)	6.5	(6.2)	5.0	(6.4)
Unemployed (& Not a Student)	12.9	(11.9)	20.6	(18.8)	7.3	(6.9)	10.5	(11.2)
Total Sample	9.4	(8.6)	14.0	(13.8)	6.6	(6.1)	8.8	(9.5)

Table A.56
Cocaine Use in Past Twelve Months Related to Living Arrangement

	Percentage Reporting Cocaine Use in Past Twelve Months							
	Men				Women			
Living Arrangement at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
Married	8.8	(9.0)	7.9	(8.5)	6.1	(5.4)	4.8	(5.2)
Cohabiting	17.0	(16.2)	23.9	(22.6)	12.7	(13.0)	18.5	(18.9)
Parents	9.1	(8.9)	14.3	(13.1)	6.1	(6.1)	8.9	(8.7)
Dorm	4.6	(4.5)	9.9	(9.6)	3.1	(3.0)	6.7	(6.8)
Alone	9.3	(8.9)	15.6	(15.4)	6.6	(7.7)	11.4	(13.6)
Other	10.5	(9.3)	20.0	(18.1)	7.1	(6.8)	12.9	(13.8)
Total Sample	9.4	(8.6)	14.0	(13.8)	6.6	(6.1)	8.8	(9.5)

Table A.57
Cocaine Use in Past Twelve Months Related to Pregnancy Status

	Percentage Reporting Cocaine Use in Past Twelve Months							
	Men				Women			
Pregnancy Status at Follow-Up	Base Year		Follow-Up		Base Year		Follow-Up	
(Spouse) Pregnant	10.4	(10.2)	9.1	(10.2)	6.4	(6.7)	5.0	(4.8)
(Spouse) Not Pregnant	9.3	(7.7)	12.5	(10.9)	6.7	(6.0)	7.9	(7.9)
Total Sample	9.3	(7.7)	12.4	(10.9)	6.7	(6.0)	7.7	(7.8)

Notes: The following notes apply to all tables on this page. The data in these tables are not displayed in any of the figures in Bachman et al. (1997) but are provided here for interested readers. Percentages on the left-side of each column are based on Follow-Ups 1-7 from classes of 1976-1994. Percentages on the right-side of each column (in parentheses) are based on Follow-Ups 1 and 2 only, from classes of 1976-1994. See Table A.65 for weighted Ns by variable subgroup. Missing data on the cocaine use variable reduce the variable subgroup weighted Ns for each of these tables proportionately; see Table A.66 for total weighted Ns by drug use measure.

Table A.58
Cocaine Use in Past Thirty Days Related to Engagement, Cohabitation, and Marriage *

	Men			Women		
		Percentage Reporting Cocaine Use in Past Thirty Days			Percentage Reporting Cocaine Use in Past Thirty Days	
Living Arrangement and Marital Status at Follow-Up	*Weighted N*	Base Year	Follow-Up	*Weighted N*	Base Year	Follow-Up
Married	*13,727*	3.6	2.7	*21,333*	2.6	1.5
Cohabiting and Engaged	*1,151*	6.5	7.0	*1,796*	5.3	5.0
Cohabiting and Not Engaged	*2,001*	8.0	10.5	*2,967*	5.4	9.1
Not Cohabiting and Engaged	*2,254*	3.0	3.1	*3,396*	2.1	1.9
Single	*30,336*	4.0	6.8	*30,352*	2.6	4.1
Total Sample	*49,469*	4.0	5.6	*59,845*	2.8	3.3

* This table provides data for Figure 7.6 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Missing data on the cocaine use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure.

Table A.59
Cocaine Use in Past Thirty Days Related to Transitions in Marital Status *

	Men			Women		
		Percentage Reporting Cocaine Use in Past Thirty Days			Percentage Reporting Cocaine Use in Past Thirty Days	
Marital Transition	*Weighted N*	Time X	Time X+2 yrs.	*Weighted N*	Time X	Time X+2 yrs.
Married-Divorced	*530*	5.6	8.5	*945*	2.9	4.2
Divorced-Married	*204*	10.2	2.5	*376*	3.0	1.3
Single-Single	*17,754*	7.6	7.7	*17,357*	5.0	4.7
Single-Engaged	*1,992*	6.9	4.3	*2,736*	5.0	3.0
Single-Married	*2,233*	6.7	3.8	*2,743*	4.6	2.3
Engaged-Married	*1,585*	4.2	3.0	*2,416*	2.6	2.2
Married-Married	*7,987*	2.7	2.3	*13,315*	1.6	1.2
Divorced-Divorced	*397*	11.4	9.2	*887*	4.9	4.0
Total Sample	*33,850*	6.2	5.8	*42,658*	3.7	3.2

* This table provides data for Figure 7.7 in Bachman et al. (1997).

Notes: Percentages are based on Follow-Ups 1 - 7, from classes of 1976-1994. Observations are drawn from two consecutive follow-ups, providing measures at two points in time which cover an interval of 2 years. That is, observations are based on individuals' data from Follow-Ups 1 and 2, Follow-Ups 2 and 3, Follow-Ups 3 and 4, and so forth. Missing data on the cocaine use measure reduce the weighted Ns listed in this table proportionately; see Table A.66 for the total sample weighted Ns by drug use measure. The marital transitions listed in this table are limited to those which were displayed in the corresponding figure. See Table A.67 for the remaining possible marital transition categories and their weighted Ns.

Table A.60
Mean Change Scores in 30-Day Cocaine Use, Unadjusted and Adjusted, Related to Modal Age*

	Men		Women	
Modal Age	Unadjusted	Adjusted	Unadjusted	Adjusted
19-20	0.020	0.013	0.014	0.013
21-22	0.043	0.037	0.022	0.019
23-24	0.041	0.038	0.023	0.019
25-26	0.035	0.038	0.008	0.009
27-28	0.011	0.019	-0.009	-0.007
29-30	-0.006	0.006	-0.014	-0.007
31-32	-0.008	0.007	-0.022	-0.013

* This table provides data for Figure 7.8 in Bachman et al. (1997).

Notes: The mean change score is the predicted amount of change in 30-day cocaine use between base year and modal age indicated. The unadjusted mean change score controls only the follow-up survey interval (or, modal age). The adjusted mean change score controls all the predictor variables. Positive change scores indicate an increase in use over time, and negative scores indicate a decrease. See Table A.65 for weighted Ns by modal age. Missing data on the cocaine use measure reduce the weighted Ns proportionately; see Table A.66 for total sample weighted Ns by drug use measure.

Table A.61
Alcohol, Marijuana, and Cocaine Use Related to Smoking by Young Adults*
(All Follow-Up Data from All Cohorts)

MEN

	Weighted N	Alcohol Use in Past 30 Days (%)	5 or More Drinks in a Row in Past 2 Weeks (%)	Marijuana Use in Past 30 Days (%)	Marijuana Use in Past 12 Months (%)	Cocaine Use in Past 30 Days (%)
Non-Smoker in Past 30 Days	*34,539*	74.7	39.1	14.6	25.7	3.5
Smoker (Less than Half-Pack Daily in Past 30 Days)	*5,142*	92.8	67.5	39.9	58.6	9.6
Smoker (Half-Pack or More Daily in Past 30 Days)	*8,516*	88.4	63.9	42.4	58.1	11.9

WOMEN

	Weighted N	Alcohol Use in Past 30 Days (%)	5 or More Drinks in a Row in Past 2 Weeks (%)	Marijuana Use in Past 30 Days (%)	Marijuana Use in Past 12 Months (%)	Cocaine Use in Past 30 Days (%)
Non-Smoker in Past 30 Days	*41,878*	62.2	17.2	7.7	17.0	1.4
Smoker (Less than Half-Pack Daily in Past 30 Days)	*7,060*	88.4	44.9	29.8	51.7	6.1
Smoker (Half-Pack or More Daily in Past 30 Days)	*9,701*	81.7	44.0	33.9	52.9	9.7

* This table provides data for Figure 8.2 in Bachman et al. (1997)

Table A.62
Cigarette, Marijuana, and Cocaine Use Related to Alcohol Use by Young Adults*
(All Follow-Up Data from All Cohorts)

MEN

	Weighted N	Cigarette Use in Past 30 Days (%)	Marijuana Use in Past 30 Days (%)	Marijuana Use in Past 12 Months (%)	Cocaine Use in Past 30 Days (%)	Cocaine Use in Past 12 Months (%)
Non-Drinker in Past 30 Days	*9,891*	13.3	3.6	8.7	0.5	2.3
Used Alcohol in Past 30 Days (But Not Heavily in Past 2 Weeks)	*15,484*	21.5	13.8	25.2	2.3	7.7
Had 5 or More Drinks in a Row in Past 2 Weeks	*22,095*	39.8	36.6	53.8	10.4	24.0

WOMEN

	Weighted N	Cigarette Use in Past 30 Days (%)	Marijuana Use in Past 30 Days (%)	Marijuana Use *in Past* 12 Months (%)	Cocaine Use in Past 30 Days (%)	Cocaine Use in Past 12 Months (%)
Non-Drinker in Past 30 Days	*18,108*	14.0	2.8	8.1	0.4	1.7
Used Alcohol in Past 30 Days (But Not Heavily in Past 2 Weeks)	*25,281*	26.2	12.9	25.8	2.3	7.3
Had 5 or More Drinks in a Row in Past 2 Weeks	*14,312*	50.9	33.1	53.8	9.1	20.8

* This table provides data for Figure 8.3 in Bachman et al. (1997)

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Table A.63

Cigarette, Alcohol, and Cocaine Use Related to Marijuana Use by Young Adults*

(All Follow-Up Data from All Cohorts)

MEN

	Weighted N	Cigarette Use in Past 30 Days (%)	Alcohol Use in Past 30 Days (%)	5 or More Drinks in a Row in Past 2 Weeks (%)	Cocaine Use in Past 30 Days (%)	Cocaine Use in Past 12 Months (%)
Non-User of Marijuana in Past 12 Months	*31,528*	18.0	70.5	33.0	0.5	1.6
Used Marijuana in Past 12 Months (But Not in Past 30 Days)	*6,121*	37.5	91.5	62.5	4.5	19.0
Used Marijuana in Past 30 Days	*10,668*	52.7	96.6	76.3	21.6	48.0

WOMEN

	Weighted N	Cigarette Use in Past 30 Days (%)	Alcohol Use in Past 30 Days (%)	5 or More Drinks in a Row in Past 2 Weeks (%)	Cocaine Use in Past 30 Days (%)	Cocaine Use in Past 12 Months (%)
Non-User of Marijuana in Past 12 Months	*43,049*	18.5	60.2	15.8	0.4	1.5
Used Marijuana in Past 12 Months (But Not in Past 30 Days)	*7,234*	46.4	86.4	41.2	4.0	17.2
Used Marijuana in Past 30 Days	*8,602*	62.3	94.0	55.6	17.2	37.8

* This table provides data for Figure 8.4 in Bachman et al. (1997).

Table A.64

Cigarette, Alcohol, and Marijuana Use Related to Cocaine Use by Young Adults*

(All Follow-Up Data from All Cohorts)

MEN

	Weighted N	Cigarette Use in Past 30 Days (%)	Alcohol Use in Past 30 Days (%)	5 or More Drinks in a Row in Past 2 Weeks (%)	Marijuana Use in Past 30 Days (%)	Marijuana Use in Past 12 Months (%)
Non-User of Cocaine in Past 12 Months	*41,856*	24.2	76.1	41.1	13.3	25.2
Used Cocaine in Past 12 Months (But Not in Past 30 Days)	*4,054*	50.8	95.4	74.6	69.5	91.5
Used Cocaine in Past 30 Days	*2,736*	55.0	98.2	84.9	84.6	94.5

WOMEN

	Weighted N	Cigarette Use in Past 30 Days (%)	Alcohol Use in Past 30 Days (%)	5 or More Drinks in a Row in Past 2 Weeks (%)	Marijuana Use in Past 30 Days (%)	Marijuana Use in Past 12 Months (%)
Non-User of Cocaine in Past 12 Months	*53,908*	25.1	65.9	21.6	9.9	21.1
Used Cocaine in Past 12 Months (But Not in Past 30 Days)	*3,209*	60.1	92.1	52.5	55.4	85.2
Used Cocaine in Past 30 Days	*1,961*	69.9	96.7	67.1	75.8	90.8

* This table provides data for Figure 8.5 in Bachman et al. (1997).

Table A.65
Weighted Ns of Observations by Variable Subgroup

	WEIGHTED Ns of OBSERVATIONS					
	WOMEN			MEN		
VARIABLE	Full Set of Cases from Follow-Ups 1-7	Cases from Follow-Ups 1 and 2	Cases from Classes of 1976-1981, Follow-Ups 1-7	Full Set of Cases from Follow-Ups 1-7	Cases from Follow-Ups 1 and 2	Cases from Classes of 1976-1981, Follow-Ups 1-7
SET#1 RACE						
WHITE	49,285	20,932	23,591	41,812	17,805	20,342
BLACK	5,551	2,554	2,672	3,385	1,596	1,709
OTHER	5,009	2,553	1,658	4,272	2,184	1,546
SET#2 REGION						
NORTHEAST	13,726	5,859	6,751	11,298	4,776	5,592
NORTH CENTRAL	18,501	7,805	9,090	15,501	6,592	7,454
SOUTH	17,966	8,079	7,943	14,644	6,513	6,995
WEST	9,653	4,296	4,137	8,027	3,704	3,556
HIGH SCHOOL GRADES	58,952	25,640	27,483	48,248	21,058	22,964
R WILL ATTEND 4YR COLLEGE	57,657	25,072	26,799	46,944	20,499	22,287
URBANICITY	59,845	26,039	27,920	49,456	21,582	23,584
SET#3 FOLLOW-UP NUMBER (MODAL AGE)						
FU #1 (19-20)	14,127	14,127	4,345	11,696	11,696	3,724
FU #2 (21-22)	11,913	11,913	4,247	9,890	9,890	3,612
FU #3 (23-24)	9,974		4,124	8,241		3,532
FU #4 (25-26)	8,204		4,009	6,691		3,373
FU #5 (27-28)	6,595		3,860	5,443		3,246
FU #6 (29-30)	5,174		3,748	4,285		3,118
FU #7 (31-32)	3,859		3,589	3,223		2,992
SET#4 ADMINISTRATION OF FIRST FOLLOW-UP						
ONE YEAR AFTER HIGH SCHOOL	31,354		14,039	26,044		11,917
TWO YEARS AFTER HIGH SCHOOL	28,490		13,882	23,425		11,680
SET#5 STUDENT STATUS AT FOLLOW-UP						
FULL-TIME STUDENT	15,858	13,007	4,845	13,770	10,780	4,735
PART-TIME STUDENT	5,594	2,195	2,506	4,615	1,786	2,136
NOT A STUDENT	38,393	10,837	20,569	31,084	9,020	16,726
SET#6 WORK STATUS AT FOLLOW-UP						
FULL-TIME CIVILIAN JOB	31,092	9,163	15,714	29,305	8,051	15,765
MILITARY SERVICE	400	196	159	2,465	1,244	1,068
PART-TIME JOB	12,567	8,086	4,545	7,685	5,486	2,710
HOMEMAKER	4,428	1,011	2,719	147	76	67
NONSTUDENT, NOT EMPLOYED	2,977	1,218	1,548	2,247	958	1,110
OTHER	8,380	6,366	3,234	7,619	5,771	2,877
SET#7 LIVING ARRANGEMENT AT FOLLOW-UP						
MARRIED	21,333	3,785	12,684	13,727	1,644	8,629
PARTNER	4,763	1,826	1,849	3,152	985	1,402
PARENT(S)	16,170	10,917	6,155	15,025	9,789	6,029
DORM	4,748	4,548	1,440	3,865	3,582	1,295
LIVE ALONE	3,805	754	2,039	4,384	885	2,449
OTHER	9,024	4,209	3,753	9,317	4,701	3,794
SET#8 ENGAGEMENT STATUS AT FOLLOW-UP						
ENGAGED	5,192	2,905	1,940	3,404	1,547	1,444
NOT ENGAGED	54,653	23,134	25,980	46,065	20,039	22,153
SET#9 IS R PREGNANT AT FOLLOW-UP?						
YES	2,770	671	1,234	1,718	264	880
NO	47,147	17,454	17,128	39,184	14,522	14,487
SET#10 PARENTHOOD STATUS AT FOLLOW-UP						
MARRIED PARENT	12,338	1,474	7,807	7,911	708	5,295
SINGLE PARENT	3,742	1,016	1,777	1,931	518	985
NOT A PARENT	43,764	23,540	18,336	39,626	20,360	17,317
TOTAL OBSERVATIONS	59,845	26,039	27,920	49,469	21,586	23,597

Notes: Sets #1 and #2 were measured at Base Year;
Sets #3 and #4 were determined by timing of follow-up;
Sets #5 - #10 were measured at follow-up.
The pregnancy item was not added to the follow-up questionnaire until 1984 so that the total number of observations for the pregnancy variable (the sum of the weighted number of observations in the "YES" and "NO" subgroups) is smaller than the total number of observations listed at the bottom of this table.

Table A.66
Total Weighted Ns of Observations by Drug Use Measure*

DRUG USE MEASURE:	WOMEN: Full Set of Cases from Follow-Ups 1-7	WOMEN: Cases from Follow-Ups 1 and 2	WOMEN: Cases from Classes of 1976-1981, Follow-Ups 1-7	WOMEN: Full Set of Cases, Observations Taken at Time X and Time X + 2yrs.	MEN: Full Set of Cases from Follow-Ups 1-7	MEN: Cases from Follow-Ups 1 and 2	MEN: Cases from Classes of 1976-1981, Follow-Ups 1-7	MEN: Full Set of Cases, Observations Taken at Time X and Time X + 2yrs.
CIGARETTE USE								
DAILY	57,896	25,106	26,867	41,192	47,380	20,574	22,531	32,406
HALF-PACK OR MORE DAILY	57,896	25,106	26,867	41,192	47,380	20,574	22,531	32,406
ALCOHOL USE								
30-DAY	53,689	23,159	25,584	40,741	44,251	19,155	21,474	32,254
HEAVY USE	56,234	24,416	26,159	41,097	45,844	19,943	21,808	32,392
MARIJUANA USE								
12-MONTH	57,741	25,108	26,816	**	47,241	20,607	22,315	**
30-DAY	57,694	25,096	26,805	41,514	47,169	20,580	22,270	32,591
COCAINE USE								
12-MONTH	58,374	25,427	27,147	**	47,951	20,920	22,746	**
30-DAY	58,351	25,419	27,140	41,736	47,923	20,908	22,732	32,977
Total Possible Number of Observations:	59,845	26,039	27,920	42,658	49,469	21,586	23,597	33,850

TOTAL WEIGHTED Ns of OBSERVATIONS

* These are the weighted Ns of those who *responded* to each of the drug use questions.

** Data not available; analyses were not conducted for the particular drug use measure and sample.

Table A.67
Weighted Ns of Observations by Marital Transition

Marital Transition	WEIGHTED Ns of OBSERVATIONS: Men	WEIGHTED Ns of OBSERVATIONS: Women
Single-Divorced	103	145
Engaged-Divorced	57	109
Engaged-Single	399	698
Engaged-Engaged	321	559
Married-Engaged	34	56
Married-Single	131	94
Divorced-Engaged	48	126
Divorced-Single	75	94

Note: This table is a companion to Tables A.18, A.31, A.32, A.47, and A.59; see specific table for explanatory text.